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DAHLIA, Val St. Lambert

GILL BROS. Seed Co.

Montavilla Station
Portland 16, Oreg

Spring Catalog 1959



*EDWARD E. GILL

(THE FOUNDERS)



RAY W. GILL

JUST A LITTLE CHAT WITH YOU

Forty-nine years ago we started this business. That was a very small beginning — just a little four-page circular offering a few items we had originated. Today, we number our customers by the thousands all over the United States and Canada. From boyhood, on our father's farm, we grew up in market gardener farming and that experience enabled us to understand the needs and problems of the vegetable grower.

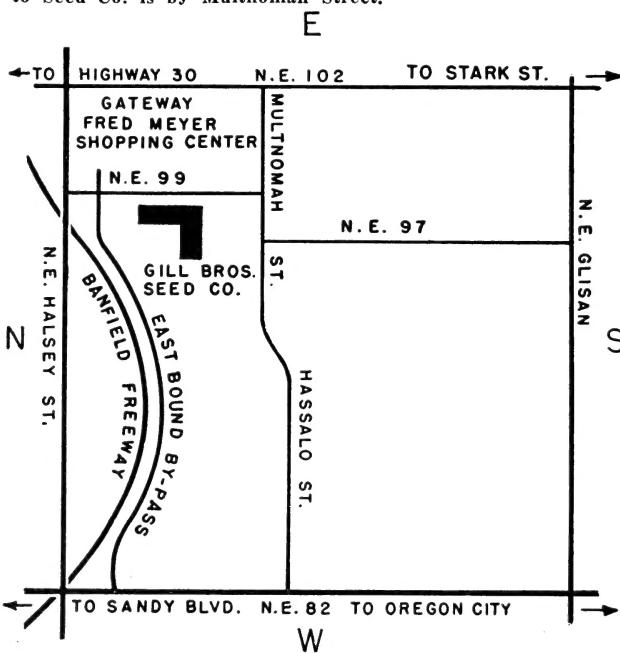
Having been market gardeners ourselves, it was quite natural for us to specialize in market gardener requirements. That has always been our endeavor. All of our seeds therefore are grown or purchased to meet the quality required by these gardeners. This is also a distinct advantage to home gardeners and farmers, for we supply them all from the same sources. We supply seeds to several thousand market gardeners. On our farms near Portland, Oregon, we continually strive to develop new varieties and to improve many of the standard sorts. We always endeavor to secure the best rather than the cheapest. Cheap seeds are generally dear at any price. Seeds are a very small part of the cost in growing a crop and it pays every grower, small or large, to buy the best. The cost of seed today is moderate compared with other costs.

We will always strive to do our best; however, if you do have a complaint, please write and be assured of courteous treatment. **When nice Spring weather arrives seed counters are crowded. It will save time and be much more convenient if you buy your seeds early. See Special Prizes on early orders.**

HOW TO REACH THE FARM

Retail salesroom at warehouse and office.

Our main seed store and farm are located in a fast growing section of Multnomah County. It is easy to reach from all main highways. We welcome you to our new retail store, warehouse and offices. See map below. Best route for West bound traffic to Seed Co. is by Multnomah Street.



GILL BROS SEED CO.

Gill Bros. Seed Co., a partnership, was organized by two brothers, Edward E. Gill and Ray W. Gill. The present partnership is composed of Ray W. Gill, manager, his daughter Mrs. Helen Miller and her husband Cornelius Miller. *Edward Gill died July 2nd, 1951 and his interest is now owned by the above partners.

Our Fall Catalog

Our Fall catalog of 32 pages was issued last September. It lists many items still available for early planting in the springtime. If you did not receive our Fall catalog, we will be glad to mail you one. During the last twelve years we have issued a Fall catalog describing a very complete line of Fall bulbs and perennial plants. We specialize in Oregon-grown Daffodils and we offer large, high quality Tulips and Hyacinths for Fall planting. We also have a very complete line of other flower bulbs and perennial plants.

We send this Fall catalog to all our seed customers; however, if you did not receive one, please write us.

OUR NEW RETAIL SALES ROOM N. E. 99th and Halsey Sts.

One of the most modern seed stores in the U.S., arranged so you can serve yourself or have clerk assistance, as you prefer. Plenty of parking space and a good loading platform for heavy articles.

FORTY-NINTH ANNUAL SPRING CATALOG

GILL BROS. SEED COMPANY

MONTAVILLA STATION, PORTLAND 16, ORE.

Main Office, Farm and Retail Store

N.E. 99th Ave. & Halsey St. — ALpine 3-7593

Dear Customers and Readers:

This is not a large, pretentious catalog, yet it brings you an honest message about seeds, bulbs, etc. The high quality of our goods is favorably known throughout the Northwest, besides which we have many customers throughout the nation. For years we have been introducing special strains of seed here from our own farms and many new varieties of our own origin are recognized as leaders.

We specialize in Northwest grown seeds and where these are not obtainable we procure the best without regard to cost from the world's best growers. Seeds grown in moderate summer and winter conditions of the Northwest have great vitality and vigor. Northwest grown seeds are indicated in this catalog with a star. If you have not tried our seeds, please give us a trial order. Many of the largest growers and associations in the Northwest depend on our goods. Order early, as some varieties are short.

Our catalog has been prepared with the desire to have it sensible and free from exaggeration. The cuts used are mostly made from photographs taken from samples grown by ourselves and are reasonable illustrations of the results obtained from our seeds. We are opposed to filling our catalog with a long list of worthless novelties and are confining our list to the fewest possible varieties, and introducing only those new sorts which have same added value over other introduction. Those who receive more than one copy of our catalog will confer a favor by handing it to someone interested.

Our files show us the names of all who have sent us an order within the last two years. To these we mail our catalog each year, and we also mail our catalog again to all who received our catalog the first time last season, regardless of whether they sent an order or not. However, we will send catalogs free upon request. All members of a family, living together, should order under one name.

WARRANTY

The Gill Bros. Seed Company warrants to the extent of the purchase price that seeds, bulbs and plants sold, are at the time of delivery, as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

HOW TO ORDER

Send all mail orders and correspondence to our main office, Montavilla Station, Portland 16, Ore. Order early, as there is a heavy demand on some stocks and they may be exhausted.

Remittance must accompany your order. Stamps are accepted up to \$1.00. Money Orders, Express Orders, Bank Drafts and Certified Checks are preferred, although other checks are accepted for collection. Be sure to check your extensions and totals before mailing your order and sign your checks.

If your remittance should be short, we will send you in accordance with the amount paid and thus avoid delay. We can send Vegetable and Flower Seeds C.O.D., but please remember this costs you extra for C.O.D. charges.

Prices in this catalog marked "Not Prepaid" do not cover shipping expenses.

Except where note (Not Prepaid) all prices are postpaid except for additions for higher zone rates.

All prices up to and including one pound include shipping expenses unless otherwise noted. Give shipping instructions and write your name and address plainly on your order.

Write your correspondence on a separate sheet from your order. The seed season is a rush season.

MISTAKES

We strive to avoid errors but like all human being, we are apt to make mistakes in filling orders, and if an error occurs we will consider it a favor to be notified at once so that we can rectify it.

If you have a complaint, tell us first. In the rush of spring business, mistakes may happen; if so, tell us pleasantly about it and be assured of courteous treatment.

ABOUT SUBSTITUTION

IN VIEW OF THE FACT THAT SOME KINDS OF SEEDS ARE SHORT THIS YEAR, we would suggest that customers give as much as possible their permission for us to substitute the nearest variety to the one ordered in case we should be sold out. On items of small importance, or during the rush of planting season, when time is precious, we may send other sorts if out of the ones ordered, but such substitutions may be returned for credit if unsatisfactory to the purchaser.

VEGETABLE SEED SUBJECT TO CHANGE IN EXTREME CASES

Considering the many added costs of doing business our prices are reasonable. Parcel post has been increased. We hope to be able to maintain these prices, but they are subject to change in extreme cases.

HELPFUL SUGGESTION

We are always willing to offer any assistance in our power regarding culture, best varieties for your soil and market, etc. We will also be glad to consider any suggestions you may wish to make to us.

SAVE MONEY BY PARCEL POST . . . PLEASE READ

In ordering seeds in quantity you can save money by using our prices, marked "Not Prepaid" in this catalog. Simply add postage to these prices at the zone rate. In case you do not know the zone to Portland, just include extra and mark order "postage allowance." Please send sufficient. Many orders are short on postage, causing delays and added expense. Any over-run will be refunded to you. However, on very small amounts, we often send extra seeds with liberal allowances.

PRACTICAL EXPERIENCE

As market gardeners and the many tests we have made for years has given us a thorough knowledge of the varieties best suited for our climate, and aside from those varieties which we grow, has enabled us to secure our seed from the best sources. In that respect we differ from the average seed store where the experience is more from a selling standpoint.

WE SPECIALIZE IN MARKET GARDENER TRADE

Thousands of market gardeners all over the United States and Canada look to us for high-grade seeds. If you buy in quantities, write us a list giving varieties and quantities and we will be glad to quote our quantity rates.

MARKET GARDENERS AND FLORISTS

We supply several thousand market gardeners and florists with our seeds. If you have not used our seeds and bulbs why not try us this year. Market gardeners please ask for our Market Gardener Price List. Florists can have our Floral list; please send license number.

SEED TESTS

Our seeds are tested; all seeds on hand are tested before sending out and on those purchased during the rush season we secure the test from the seller and make our own test as soon as possible.

PRESS OF RYDER PRINTING CO.
1027 S.W. Fifth Ave., Portland, Ore.



Artichoke

LARGE GREEN GLOBE—They stand considerable cold but should be mulched with straw against severe freezing. Plant three feet apart in the row and six feet between rows. The green buds are used. Start in hotbeds. They can be grown successfully in the Pacific Northwest. **Postpaid. Pkt. 25c; Plants, Each 65c; 3 for \$1.50.**

***JERUSALEM**—A member of the sunflower family. The tubers are used for stock feed and also in salads. We offer white tubers. They are heavy producers. Cut like potatoes or plant whole tubers 2 feet in rows and 4 feet between rows. **Postpaid, 1½ lbs. 65c; Not prepaid, 10 lbs. @ 20c lb.; 50 lbs. @ 12c lb.; 100 lbs. for \$7.50.**

Asparagus Seed

CULTURE—The seed is of slow germination and should be planted early in the season. Plant roots in well drained soil about two feet apart in row and 4 to 5 feet between rows.

MARY WASHINGTON—Heavy yielding with large green stalks of fine quality. **Postpaid. Pkt. 15c; oz. 30c; ¼ lb. 70c; lb. \$1.85. Not prepaid, 5 lbs. @ \$1.65 lb.**

CALIFORNIA 500—A new strain of Mary Washington producing larger stalks that are very uniform. Earlier than Mary Washington. The largest, however, the quality is excellent. **Postpaid. Pkt. 15c; oz. 70c; ¼ lb. \$1.50; lb. \$3.75.**

Asparagus Roots

MARY WASHINGTON—No. 1. **Postpaid. Doz. 75c; 50 for \$1.95; 100 for \$3.50. Not prepaid, 1,000 for \$15.00.**

CALIFORNIA 500 NO. 1—**Postpaid, Doz. 85c; 50 for \$2.10; 100 for \$3.75. Not prepaid, 1,000 for \$16.00.**



Oregon Giant Pole Bean, Page 3.

GARDENGREEN (All America Winner 1959)—Bush bean. Tender and meaty, stringless and fiberless, long round straight pods. Heavy yields. **Pkt. 25c; 6 oz. 60c. Postpaid.**

BUSH BEANS

CULTURE—Plant about May 1st for early beans, or as soon as the ground becomes warm, in rows 2½ to 3 feet apart except pole beans, 3½ to 4 ft. Cover from 1½ to 3 inches deep according to weather conditions. Large seeded beans require warmer weather to germinate than small beans. Never cultivate or hoe beans when the foliage is wet as it will cause rust. Where beans have not previously been grown on the land, it is best to use Nitragin. Our radio talk on beans sent free on request. White seeded beans need careful planting for early crops as they do not stand cold ground like colored beans. Early bush beans can be planted up to August 1st in Pacific Coast sections.

PRICES—Unless noted are uniformly: **Postpaid, Pkt. 15c; 6 oz. 35c; 14 oz. 60c. For 4th zone and beyond, 14 oz. 65c. Not prepaid, 1 to 5 lbs. 55c; 5 lbs. of one variety @ 50c lb., 10 lbs. @ 45c. Write for prices on larger quantities.**

GILL'S RELIABLE—A pioneer bean of the Pacific Northwest. This strain has been grown in our family for over 60 years. A very popular bean with our customers. Remarkable hardy and prolific with few superiors either as a green or dry bean. The small white seeds are also fine for baking. Green pods without fiber, meaty and fine flavored. In the older stages they need stringing. Outstanding for canning and freezing. **Postpaid. Pkt. 20c; 6 oz. 45c; 14 oz. 85c.**

***RANGER**—Noted for disease resistance and high yield. Can be used for green snaps or dry as baking beans. Pods round, 5 inches. Mostly straight, stringless, silvery green, largely concentrated in the crown. Seeds white, medium small. 56-60 days to maturity.

SEMINOLE (1954 All-American Winner)—A vigorous grower with stringless pods of deep apple green color. Pods straight, long and smooth. High resistance to powdery mildew and common bean Mosiac. Excellent flavor. Ideal for home use, and commercial production. Heavy producer.

***RUBY DWARF HORTICULTURAL**—Large flat pods valuable for green, snap or shell beans. Seed and pods striped with bright red.

IMPROVED TENDERGREEN—Long, round, slender, stringless dark green pods, straight.

BACHICHA (Italian Bush Bean)—One flat podded bush bean that is free from strings or fibre. A rich, mild flavored early bush bean with long, flat, green pods. A vigorous grower producing heavy yields. Here is a high quality.

PEARLGREEN (All-America Silver Medal Award for 1958)—A new white seeded bush type, 18-21 inches tall, upright with pods 6-6½ by ¾ inches, round, medium green and fleshy. Yields are exceptionally high and the quality is outstanding. It matures early.

***WADE BUSH ('53 All-America Gold Medal)**—Long, straight, meaty, very dark green stringless pods, 5½ to 6" long. Mosiac resistant and adapted for freezing and canning.

***TOPCROP (New)**—Pods medium light green, round, straight to slightly curved, 5½ to 6" long, fairly smooth, stringless, with no fiber. Plants produce heavy crops in 50 days. Mosiac immune.

***IMPROVED BURPEE'S STRINGLESS GREEN POD**—One of the best early bush beans. The pods are green, of good length, entirely stringless, tender and brittle and remain so until nearly ripe. A popular market or garden bean desirable for home canning or freezing.

TENDERGREEN NO. 32304—Pods 6 in. long, round, dark green, straight, stringless and Mosiac resistant, and more perfectly round than Improved Tendergreen. Garden and canning variety.

GREENCROP SNAP—1957 All-American Selection has wide dark green pods with white seeds. Quality and flavor are excellent. About two feet high and produce a heavy crop over a short period. Stringless bush bean. **Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 75c.**

TENDERWHITE—New white seeded bush bean. Pods 5½ to 6 inches, long, slender, round, straight and smooth. Color dark green and stringless. Mosiac resistant. Seed pure white. Garden, canning and freezing variety. **Postpaid. Pkt. 20c; 6 oz. 35c; 14 oz. 60c.**

Wax Podded Bush Beans

PRICES unless noted, Postpaid. Pkt. 15c; 6 oz. 35c; 14 oz. 60c. For 4th zone and beyond, 14 oz. 65c. Not prepaid, 1 lb. 60c; 5 lbs. at 55c per lb.; 10 lbs. @ 50c lb. Write for prices on larger quantities.

CHOCTAW WAX—New Bronze Medal, All-American Winner. Claimed to be the heaviest bearing bush wax bean. Stringless and of good quality. **Postpaid. Pkt. 20c; 6 oz. 50c; 14 oz. 95c; Not prepaid lb. 75c; 5 lbs. @ 60c.**

PUREGOLD WAX—A bean of rich pure gold color. Tremendously productive with pods 6" long and nearly straight. The quality is very good, being stringless at harvest time. Quite resistant to disease and ideal for market gardeners.

***PENCIL POD BLACK WAX**—Hardy and prolific and of finest quality. Pods bright waxy yellow, long and round and entirely free from strings. Desirable for home or market and very valuable for canning. Deep yellow pods.

***ROUND POD KIDNEY WAX or Brittle Wax**—Extra early; very vigorous and productive. Long, straight, round pods are entirely stringless. One of the finest for canning and home use.

Pole Limas

PRICES—Unless noted, Postpaid. Pkt. 15c; 6 oz. 35c; 14 oz. 65c. For 4th zone and beyond, 14 oz. 65c. Not prepaid, 1 to 5 lbs. 65c lb.; 5 lbs. of one variety @ 55c lb.; 10 lbs. of one variety @ 50c lb.

CHRISTMAS LIMA—This unusual pole lima excels for quality and production. When cooked in either dry or green shell stage the seed turns to a pink-brown color and the stripe disappears. In the shell stage they are sweet as though they had been sugared slightly. In either dry or shell stage the skin is thin and tender. We have tested many lima varieties but none equal this for high quality and production and we believe it is the best for our Pacific Northwest states where cool Summer nights usually prevail during the growing season. The seeds are very flat but quite large and every seed is white, striped with deep crimson. Vigorous vines 7 to 9 feet tall.

KING OF THE GARDEN—A large, flat lima of great vigor and heavy production. Seed white in dry stage but creamy green in shell condition. It produces well in the Pacific Northwest. Ideal for canning or freezing. Vines 7 to 9 feet, pods 5½ to 6" long with 4 to 5 thick, flat seeds.

OREGON LIMA (White Seeded Runner)—A large pole bean, extra early and suited for Pacific Northwest culture. It ripens in about 75 days from planting. Excellent used as a shell bean or stored dry for winter use. Extra large, plump, pure white seed. **Pkt. 15c; 6 oz. 45c; 14 oz. 65c; Not prepaid 1 to 5 lbs. @ 60c lb.**

Broad Windsor Beans

MAMMOTH LONG PODDED—The English Broad Beans or sometimes called "Horse Beans." Near the coast these can be planted in the Fall. Generally planted very early in the Spring. Green shell beans, large, broad, flat and light green. **Postpaid. Pkt. 15c; 6 oz. 35c; 14 oz. 60c.**

POLE BEANS

PRICES—Unless otherwise noted are uniformly, Postpaid. Pkt. 15c; 6 oz. 40c; 14 oz. 65c. For 4th zone and beyond, 14 oz. 70c. Not prepaid, 1 to 5 lbs. @ 60c; 5 lbs. of one variety @ 55c lb.; 10 lbs. @ 50c lb. Ask for prices on larger quantities.

***GILL'S DELICIOUS GIANT**—Every year this variety increases in popularity. In this cross between Oregon Giant and Kentucky Wonder, we originated a variety twice as productive as Oregon Giant, of better quality. The beans are produced in clusters of 4 to 6, the stems of which protrude outside of foliage. The pods are green, faintly striped with red lines which disappear when cooked. Ideal for the table, canning or freezing. They are very meaty, mild and stringless with pods often 10 inches long. Our sales now exceed the popular Oregon Giant. **Pkt. 20c; 6 oz. 55c; 14 oz. 90c.**

OREGON GIANT—Giant pods a foot long; light green, striped carmine. This wonderful bean is now sold by market gardeners at high prices. Its giant size does not detract from its splendid quality. Pods thick meated, mild and free from fibre but the fully developed pods can be strung like the Kentucky Wonder. Pods a foot long and with large seeds developed are still good to use.

***BLUE LAKE STRINGLESS**—The pods differ from the old Blue Lake, being stringless at all stages, fully round, somewhat longer and of darker green color. White seeds, oval and small. Blue Lake beans are today rated as the finest canned and frozen beans. **Pkt. 15c; 6 oz. 45c; 14 oz. 75c. Postpaid. Write for quantity prices.**

GOLDEN LAKE (New)—Similar to Blue Lake in growth but about 6 to 8 days later. Pods golden yellow, long, round, straight and stringless. **Pkt. 25c; 6 oz. 65c. Postpaid.**

ITALIAN OR ROMAN—An old favorite with Italian people. Use as a green snap bean or as a shell bean. In either case it is very high in quality. Large, flat pods of medium length. Green, stringless pods of attractive appearance.

***KENTUCKY WONDER**—It produces exceptional yields of long, green pods of fine quality.

***BRILLIANT HORTICULTURAL (Cranberry)**—This special stock has a much brighter stripe than the old strains. It is becoming more popular each year. Two weeks earlier than the old strains. Pods green, streaked with red, changing lighter at shell stage with bright red stripes. Excellent used as a green snap bean or for shell or dry beans. **Pkt. 15c; 6 oz. 45c; 14 oz. 70c.**

LAZY WIFE—We receive many requests for this old favorite. Fairly short green pods, stringless, large round white seeds. Exceptionally fine quality and fine for green shelling or as ripe seed.

***STRINGLESS BLUE LAKE, BLACK SEEDED**—Pods stringless; about 7 inches long, straight and round. Vigorous and a heavy producer of the finest quality beans. For home gardens it is ideal and produces heavier crops than the White Seeded Stringless. Ideal for market.

***WHITE SEEDED KENTUCKY WONDER**—Many prefer this to Kentucky Wonder. Earlier, more productive, stringless and good quality.

KENTUCKY WONDER WAX—Vigorous and productive. Pods waxy yellow, large, stringless and of fine quality. Excellent pole bean.

YARD LONG—Vigorous vine 6' tall with rank, dark green foliage. Very slender pods, 18" to 26" long. Small seed. **Pkt. 20c; 6 oz. 40c.**

Soy Beans, Edible

OTTAWA—An extra early variety that will mature even in sections with short seasons. Fine quality. **Postpaid. Pkt. 15c; 6 oz. 35c; 14 oz. 60c.**

Baking Beans

PRICES—Unless noted: Postpaid. Pkt. 15c; 6 oz. 35c; 14 oz. 60c. For 4th zone and beyond, 14 oz. 65c. Not prepaid, 1 to 5 lbs. @ 55c lb.; 6 lbs. of one variety @ 45c lb.

***MICHELITE PEA BEANS**—Small, pure white seed of rounded shape. It is early and ripens evenly. It produces heavily and is much better than Navy beans where seasons are short for ripening or curing. Earliest strain of commercial small white bush beans.

DARK RED KIDNEY—Easily grown. Excellent quality. Large red beans for baking. An early maturing prolific sort. Bush type.

Bush Lima Beans

PRICES—Unless noted are uniformly: Postpaid. Pkt. 15c; 6 oz. 40c; 14 oz. 65c. For 4th zone and beyond, 14 oz. 70c. Not prepaid, 1 to 5 lbs. @ 60c lb.; 5 lbs. of one variety @ 55c lb. Write for prices on quantities.

FORDHOOK NO. 242—Pods slightly curved with thinner walls than Fordhook, containing 3 or 4 light green beans of same excellent quality. Yields good under temperature. Dry beans, greenish cream and light green. Pods 3½ inches long, 1 inch wide and 75 days to maturity.

HENDERSON'S BUSH (Baby Lima)—Early, heavily productive. Thrives in ordinary soil. Adapted for home use, canning and freezing. Early, small lima of high quality.

IMPROVED BURPEE'S BUSH LIMA—Large seeded; very productive. One of the best.

CONCENTRATED FORDHOOK LIMA—Potato Lima type. Plants large and very productive. The seeds are very large and flat and are ideal as butter limas or for use when ripe.

Garbanza

Well known in Mexico and Southern California and it will do well in northern climates. Often called "Coffee Bean," "Chick Pea" and "Acorn Pea." Dwarf bushy plants, about one foot high, with round, puffy pods containing 2 to 3 large seeds. These are used when ripe much like beans for baking or boiling. Very nutritious, high in protein. Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 70.

Swiss Chard

RHUBARB CHARD—Large, wide and tall leaves with fairly large ribs of deep crimson color. Foliage heavily toned red with purple tints. Very productive and of rapid growth. Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

FORDHOOK GIANT—Larger, darker green with more wrinkled leaves than Lucullus. Stalks white. Outstanding for size and quality. Postpaid. Pkt. 15c; oz. 30c; ¼ lb. 70c; lb. \$1.50.

LUCULLUS—Grows about two and a half feet high. The heavy stalks are over an inch wide and bare for more than a foot of their length. Can be served as you would asparagus. The leaves make very fine greens. Postpaid. Pkt. 15c; oz. 30c; ¼ lb. 70c; lb. \$1.50.

Mangel Beets

PRICES ON MANGELS UNIFORMLY: Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 65c; lb. \$1.65. Not prepaid, 5 lbs. or more @ \$1.45.

DANISH SLUDSTRUP—Long, reddish-yellow; grows well above the ground. A giant in size.

GIANT HALF SUGAR—Cross between a mangel and sugar beet. Flesh white and sweet.

MAMMOTH LONG RED—Heavy Cropper.

GIANT YELLOW ECKENDORF—Giant, smooth, long roots of cylindrical shape, weighing up to 20 lbs. each and growing two-thirds above ground. White flesh with high food value.

Sugar Beets

KLEIN WANZLEBEN—Best for making sugar and valuable for feeding purposes. Pkt. 15c; oz. 35c; ¼ lb. 70c; lb. \$1.65.

Cardoon

LARGE SMOOTH—A perennial winter vegetable grown for the fleshy leaf stalks which are bleached like celery. Used for salads or in soups. Postpaid. Pkt. 20c; oz. 45c; ¼ lb. \$1.25.

Celtuce

A vegetable for salad and greens. Plant early in the Spring or in mid-August. The leaves and young seed stalks are used for salad or greens. It is also very fine for poultry feeding. Plant the seed where it is to grow, thinning to one foot apart. Postpaid. Pkt. 15c; ¼ oz. 35c; oz. 95c; ¼ lb. \$2.75.

Chicory

ASPARAGUS—This makes annual production of Dandelion-like leaves valuable for early greens. Leaves and flower shoots tender and with asparagus flavor. Pkt. 20c; oz. 85c; ¼ lb. \$2.50.

LARGE ROOTED—Chicory is an excellent substitute for coffee. Plant like carrots. Postpaid. Pkt. 20c; oz. 75c; ¼ lb. \$2.00.

WITLOOF or FRENCH ENDIVE—Roots are transplanted and shoots are bleached for Winter salads. Postpaid. Pkt. 20c; oz. 75c; ¼ lb. \$2.00.

Corn Salad

Used in Spring or Winter for salads but usually mixed with more piquant herbs. Pkt. 15c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.00.

Cress

FINE CURLED (PEPPER GRASS)—Grows quickly from seed. Sow thinly in drills. Should be planted at intervals as it runs to seed quickly. Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 90c.

WATER CRESS—Perennial aquatic plants. Small, thick leaves with pungent flavor for salads and garnishing. Plant on the banks of a running stream. Pkt. 20c; ¼ oz. 40c; oz. \$1.40.

Special Reduced Prices

On Early Orders

OFFER NO. 1

We desire to get more early orders since it would reduce the big rush when nice weather opens in the Spring. We make this special offer. For each group of 12 packets at 15c each we will make a reduction of 30c or 12 packets for \$1.50, postpaid. If you purchase (example):

12 pkts. priced @ 15c ea., you save 30c.

24 pkts. priced @ 15c ea., you save 60c.

36 pkts. priced @ 15c ea., you save 90c.

Plus No. 2 offer — See Page 7.

While of course you can order any number of packets you wish, but for each lot of 12 pkts. priced at 15c you save 30c. To receive these discounts you must have 12 pkts. or lots of 12 pkts. to count. (Collection offers do not count since they are already reduced.) The prices are postpaid and apply at the counters or by mail. **Only 15c pkts. apply for this offer.** This offer expires Feb. 15th and we will judge by the postmark on mail orders. To secure this offer comply with these instructions.

TABLE BEETS

CULTURE—Plant in rows 2 to 2½ feet apart with drill, April 1 to July 15. Thin to 3 inches apart for table beets and 8 to 12 inches for mangels. For winter beets the latest sowing is best.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 75c; lb. \$1.90.

GARDENER'S MODEL—This outstanding beet was developed here on our farms. For over 35 years we have been selecting this strain. Every year an increasing number of home and market gardeners order this beet. It has great uniformity. A splendid table beet for home or market. Extremely early, of smooth, uniform shape. The flesh is rich red, entirely free from strings or core and very sweet. The tops stand tall and erect. Ideal for tying in bunches. Valuable for both greens and roots. This variety will stand longer than any and still keep tender. Generally immune to curly top. Seed from our own selection. **Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 85c; lb. \$2.00.**

RUBY QUEEN—A new, early, extra-short top beet with fine flesh features. Tops are only 10" to 12" tall. Roots are round, with smooth shoulder and crown, small tap root. Ruby Queen has uniform medium bright red interior color. Flesh texture is unusually fine, butter-smooth in appearance. **Pkt. 15c; oz. 40c; ¼ lb. 95c; lb. \$2.10.**

DETROIT DARK RED—Splendid for market or home gardens and popular with canners. Roots nearly round, very uniform and of medium size; flesh tender and blood red.

CROSBY EGYPTIAN—Ideal for market gardeners. Flat-globe or turnip shaped beets with small tap roots and dark red skins. Flesh purplish red. Early, smooth beets free of side roots.

GREEN TOP EARLY WONDER—A selection of Early Wonder well suited for bunching and shipping, with bright green foliage. Roots nearly globe shaped, slightly flattened at top and bottom. Foliage does not turn red or brown in cool weather. Ideal for bunching or for greens.

Brussels Sprouts

CATSKILL—After growing this outstanding Brussels Sprouts we consider it the best variety. Plants of medium size producing an immense crop of solid, dark green sprouts set fairly close together. The sprouts are larger than most sorts and very heavy. The best for home gardens or market gardens. Matures quite early. **Postpaid. Pkt. 20c; ½ oz. \$1.00; oz. \$1.85; ¼ lb. \$6.00; lb. \$17.50.**

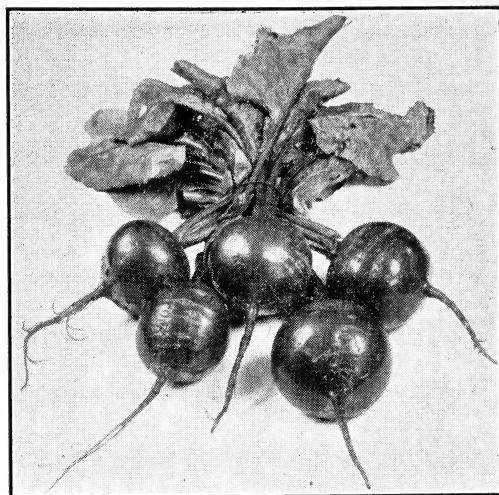
FANCY MOST 50 A (New)—A type commonly used along the coast of California. Plants are even in height, at Salinas, averaging 32", but grow larger in the Half Moon Bay area because of the much longer growing period. Stalks are well set with medium to large round, well covered sprouts that have fine solidity and uniform dark green color. It is slow in bolting, assuring a long period of harvest. **Pkt. 20c; ½ oz. \$1.25; oz. \$2.50; ¼ lb. \$7.50; lb. \$20.00.**

Chinese Cabbage

CULTURE—A delicious vegetable from China, excellent for salads and cole slaw, and is sometimes used like Swiss Chard. The stems can be used like celery. Plant seed in August as it will go to seed when planted in Spring. Thin to 18 inches apart. Use plenty of good complete fertilizer high in nitrogen, to secure a quick growth.

MICHIHLI—Foliage dark green; heads 4" thick, 18-20" tall, tapered near tip, well branched. **Pkt. 15c; oz. 50c; ¼ lb. \$1.45; lb. \$4.25.**

***TRANSPLANTED SPECIAL SELECTION**—A selected strain producing very uniform, solid heads of medium height. A special development from the Paoting type. A special selection and very popular with market gardeners. Beyond doubt it is one of the best strains. **Pkt. 15c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$2.50; lb. \$7.50.**



Beet, Gardener's Model, This Page.

GREEN BROCCOLI

A valuable Italian vegetable forming heads of deep green, about the same color as the foliage. After the main head is cut, smaller heads branch out below. It is very tender, nutritious and delicious, and can be raised like cabbage. Plant the seed June 1st to 20th and transplant July 15th to August 15th, in the same manner as cauliflower or broccoli. It is very hardy and is not injured by light or white frost, so needs no protection. Do not grow this for summer use except near the coast. It can be planted from seed in rows 3 feet apart and thin to 12 inches in the row. In this case plant the seed about July 1st. **Unless noted, prices Postpaid. Pkt. 15c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.75; lb. \$4.25.**

CHINOOK—New high-yielding, non-bolting dark green broccoli. Heads are large, dark green, with rather small florets. Heavy shoot producer which are large. Matures between Medium and Waltham 29. Very few light green heads are produced. **Pkt. 20c; ½ oz. 65c; oz. \$1.00; ¼ lb. \$3.25; lb. \$9.50. Postpaid.**

MEDIUM CALABRESE—This middle season variety is mostly planted for commercial crops. Dark green heads of finest quality. We carry a fine type and sell large quantities to processors and market gardeners.

WALTHAM NO. 29—Ideal for commercial freezing. Compact, uniform heads. A newer variety which has been given much attention.

Dandelion

IMPROVED THICK LEAVED—Far superior to the uncultivated plant. Valuable perennial for early Spring greens. **Postpaid. Pkt. 20c; ½ oz. 50c; oz. 90c; ¼ lb. \$3.00.**

New Pricing Plan On Beans, Corn and Peas

Many of our customers state that one half pound lots and one pound lots provide too much seed. Therefore, in place of one half pound lots we now offer 6 ounce packages, and in place of one pound lots we offer 14 ounces. This allows us to lower the price by reducing the amount of both seed and postage. One pound lots are quoted F.O.B. Portland. This plan has met with good favor and will save money for our customers.

CABBAGE

CULTURE—Early varieties can be sown in the open ground in early September or in cold frame in January or February. We do not recommend sowing in hotbeds, as plants will be too tender. For open ground May 1st, transplant June 15th for Fall, and July 1st to August 1st for Winter cabbage, in rows 40 inches apart, from 25 to 36 inches in the row, according to the richness of the soil, size and variety. Do not crowd them. They do best in rich, loamy soil, fertilized with barnyard manure of any kind and good well-balanced commercial fertilizer. Early Jersey Wakefield, Danish Ballhead, Seidl Ballhead and Oregon Ballhead can be sown in the Fall for Spring and Summer cutting. They seldom run to seed. Golden Acre, Copenhagen Market and Glory of Enkhuizen will not Winter over without running to seed. Grow more Red Cabbage and Savoy.

PRICES—Unless noted: Postpaid. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 85c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.00.

***GILL'S OREGON BALLHEAD**—The leader in the Pacific Northwest for a main crop late Winter Cabbage. We have developed this strain until it excels all others for solidity, resistance to aphid and freeze injury. The best cabbage for crating or general market purposes. The outer leaves are deep green and will hold their color weeks after cutting. It is the best keeper of all. The outstanding commercial cabbage and the most popular Winter sort. We believe this is the most persistent heading of any Winter cabbage. Often when planted too late in the Summer for full maturity the heads develop firm and ready for market in February or March. Seed of our growing. Postpaid. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 85c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.00.

***SEIDL BALLHEAD**—Small, solid heads weighing about 3 to 4 lbs. Stems short with round, uniform heads. Valuable for crating and local sales where small solid heads are in demand. This splendid cabbage has made a hit with market gardeners. It is earlier than Oregon Ballhead. This fine cabbage first catalogued by us, increases in popularity each year. We offer a fine selection of our own growing. Postpaid. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. 90c; $\frac{1}{4}$ lb. \$2.25; lb. \$6.00.

EARLY WONDER NO. 1 (New)—An extremely early Golden Acre. Small, perfect heads weighing 2 to $2\frac{1}{2}$ lbs., perfectly fitted for the average family. This is really the earliest, most perfect, most uniform Golden Acre. The size makes it specially attractive and this is backed by its splendid quality. This has made a big hit with growers. Pkt. 20c; $\frac{1}{2}$ oz. 65c; oz. \$1.00; $\frac{1}{4}$ lb. \$2.25; lb. \$6.00.

EARLY COPENHAGEN MARKET—Early, good sized, round heads, weighing 5 to 6 lbs. 6 lbs.

MARION MARKET—Yellow resistant Copenhagen Market. Somewhat larger and later than Copenhagen Market.

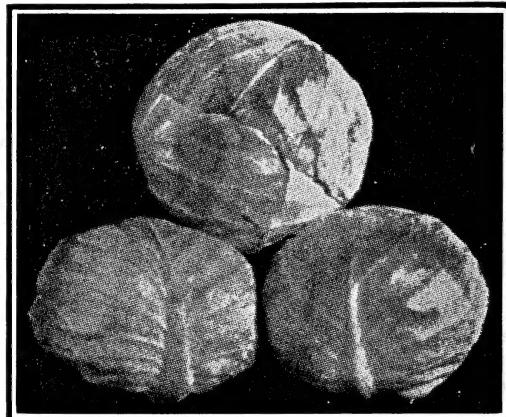
EARLY JERSEY WAKEFIELD—This is still very valuable for the earliest crop of hardy cabbage. We have a special strain with solid heads and few outside leaves. The sweetest and most tender of any variety we have tested. Ideal for home gardens. Valuable to sow in the Fall for transplanting in the early Spring. In some sections this variety is sown for greens like collards and used before the heads form.

DANISH BALLHEAD (Short Stem)—The regular Ballhead type so long imported from Denmark. Somewhat earlier than Oregon Ballhead. A fine strain of Danish Ballhead. Medium sized head, very solid and of good quality.

GLORY OF ENKHUIZEN—Best variety for Summer or early Fall for its tendency is to produce large heads even in dry weather. It can be used for early Spring crops, not satisfactory as a Winter cabbage. Tender and sweet.

GREEN ACRE—The type and characteristics are the same as Golden Acre but it holds its green color longer. Valuable for shippers. A little larger and slightly later than Golden Acre.

GOLDEN ACRE, YELLOW RESISTANT—Similar to Golden Acre but yellow resistant. 62 days.



Cabbage, Gill's Oregon Ballhead, This Page.

GOLDEN ACRE (Super Early Strain)—Extra early round-headed, fine quality cabbage, maturing with Early Jersey Wakefield. Heads firm with few outer leaves and average 4 lb.

GOLDEN ACRE—The original regular type. Slightly later than the super strain.

BONANZA—Good shipping and market variety. Forms a small firm head early in the season and continues to grow to full size. Can be harvested early or held in the field for a considerable time after maturity without loss, if markets are unfavorable. Heads almost round, very firm and uniform, with short core, therefore slow to run to seed. Average diameter $6\frac{1}{2}$ ", weight 4 lb. Days to maturity, 75.

WINTER KEEPER—A splendid Ballhead type ideal for late crops and Winter storage. Solid heads of medium size with medium green foliage.

EARLY GLORY—An early strain of Glory of Enkhuizen. This round-headed type is somewhat similar to Copenhagen Market but slightly later and heavier and with darker green color. Solid heads, ideal for market or shipping.

BADGER MARKET—Yellow resistant type. Widely adapted for both northern and southern latitudes. Small to medium round heads, very solid. A second early variety. Pkt. 20c; oz. \$1.00; $\frac{1}{4}$ lb. \$2.75; lb. \$6.75.

Red Cabbage

RED KISSENDRUP—An early red variety of high quality. It is real red clear through the head. Sure heading and uniform. Ideal for summer and fall cutting. It is tender and sweet. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 85c; $\frac{1}{4}$ lb. \$1.85; lb. \$5.50.

EARLY RED METEOR—Ideal for market, producing uniform, solid heads of deep red color. Ideal for market gardeners. One of the best market varieties of red cabbage. Extra early, maturing with Golden Acre. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$2.50; lb. \$6.00.

ROUND RED DUTCH or RED ACRE—Heads round, solid; about 6" in diameter, weighing 3 to 5 lbs. Early, maturing in 80 days. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 85c; $\frac{1}{4}$ lb. \$1.85; lb. \$5.50.

***RED STONEHEAD**—Very solid heads of Ballhead type. Deep red and of high quality. An extra fine late Winter cabbage. Pkt. 20c; $\frac{1}{2}$ oz. 50c; oz. 95c; $\frac{1}{4}$ lb. \$2.50; lb. \$6.00.

Savoy Cabbage

IRON HEAD—An early Savoy of small size noted for sweetness and tenderness. Ideal for cole slaw and salads. Very popular for market and home use. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 95c; $\frac{1}{4}$ lb. \$2.35; lb. \$5.00.

CHIEFTAIN SAVOY—Best main crop Savoy cabbage; firm, large heads with curly foliage. Popular with market gardeners. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 85c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.00.

Caulicab

After years of selection we originated and offered this entirely new type of vegetable in 1949. It is a new race. When planted in the Spring along with the first early cabbage it matures solid heads in the early Fall. When grown this way it is distinguished by the large ribs running nearly to the top of the heads and clear through the heads. When planted in the late Summer they head the next Spring, then the mature heads have an outer layer of cabbage-like leaves, but with the main part of the head filled with tightly folded sprouts and buds of amber color. In either case they are very tender and sweet and ideal for raw salads or cooking. It is a cross between cabbage and winter cauliflower. The flavor is different from either and is very mild.

Plants often stand 3 feet tall with large, long leaves, inclined to curl and twist. They will stand cold weather down to 10 above zero. It is claimed that it does not cause gas like cabbage or cauliflower. Even if the heads burst in the Spring and become green they are superior to green broccoli, being milder and more tender. A very nutritious vegetable. In those parts of the nation where cabbage will not stand through the Winter, without severe damage, it should be transplanted in the Spring when early cabbage plants are set out. We have good reports on caulicab from all sections of the U. S. Postpaid. Pkt. 25c; $\frac{1}{4}$ oz. \$1.25; oz. \$3.00; $\frac{1}{4}$ lb. \$9.00.

Dill

MAMMOTH—Easy to grow and used for flavoring pickles. Postpaid. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

SWEDISH DILL—Shorter than mammoth dill but finer stems. Prices same as Mammoth.

Endive

CULTURE—Similar to lettuce. The outer leaves can be tied over the head to bleach.

PRICES—Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 95c; lb. \$2.50.

LARGE GREEN CURLED—One of the best.

BATAVIAN BROAD LEAVED—Frequently called Escarole.

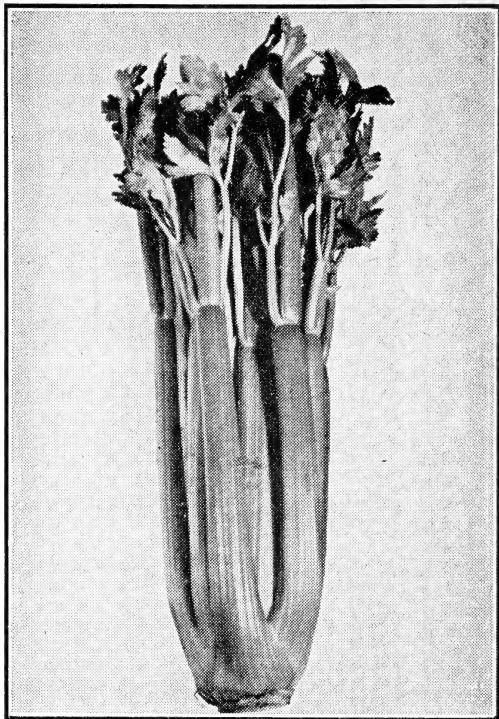
GREEN CURLED RED RIBBED—A late fringed variety of good size which forms a good blanched heart in the fall. The ribs are reddish rose. Very hardy.

Florence Fennel

This fine Italian vegetable should be planted more generally. Use like celery or for flavoring. Plant July 15 to Aug. 15 in rows 2 feet apart and thin to 1 foot apart. Easy to grow on good, rich soil. Postpaid. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

OFFER NUMBER 2

This offer stands all through 1959 and is in addition to Offer No. 1. For each lot of 12 pkts., (priced at 15c each) we will give, our selection, a free packet of some special vegetable or flower, in 15c packets.



Celery, Improved Utah Jumbo, This Page.

CELERY

GILL'S SPECIAL TALL UTAH—A valuable selection of tall Utah celery. The thick, solid stems have nutty flavor and fine appearance. One of the best in the tall green celery list. It has longer stems than most Utah celery. Pkt. 20c; oz. \$1.40; $\frac{1}{4}$ lb. \$4.35; lb. \$15.25.

UTAH JUMBO—This remarkable late celery has the finest in quality. Plants sturdy, compact and solid. Very free from strings. In Utah, soil bleaching is often used, producing stalks that are pure white, nutty and crisp. Also immensely popular sold green without bleaching. Our strain is very popular all along the Pacific Coast. We supply this strain to large celery growers in various parts of the country. Postpaid. Pkt. 20c; $\frac{1}{4}$ oz. 65c; oz. \$1.50; $\frac{1}{4}$ lb. \$4.25; lb. \$15.00.

IMPROVED UTAH JUMBO—This new strain has thicker, more meaty stalks with longer stems. The mature plant is larger around and taller than Utah Jumbo. Postpaid. Pkt. 20c; $\frac{1}{4}$ oz. 75c; oz. \$1.75; $\frac{1}{4}$ lb. \$5.50; lb. \$18.00.

UTAH NO. 15—A tall Utah strain of mid-season maturity. Plants large; height 26 to 28 inches. Leaves dark green, deeply cut, moderately broad. Plants erect, compact, full hearted. Edible stems 8 to 10 inches long, numerous and of medium width, thick, rounded and quite smooth. Very resistant to blight. Postpaid. Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.35; $\frac{1}{4}$ lb. \$4.00; lb. \$12.50.

EMERSON PASCAL—New celery with supreme quality. The rich flavor and tenderness combined with resistance to blight, make this green celery outstanding. Medium early with long, thick, round stems of fine quality. Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.35; $\frac{1}{4}$ lb. \$4.25; lb. \$15.00.

CELERY SEED FOR COOKING—2 oz. Pkt. 20c; $\frac{1}{4}$ lb. 35c; lb. 80c.

Celeriac

TURNIP ROOTED CELERY SPECIAL STRAIN—Roots turnip shaped and used for soups and stews. Hardy and will stand in open all Winter in the Coast regions. Postpaid. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$2.50; lb. \$7.50.

CAULIFLOWER

CULTURE—For early cauliflower, start in cold frames. For fall cutting, Green Broccoli and all Snowball types should be planted June 1st to 20th and transplanted July 15th to August 10th. Late cauliflower can be planted the first week in May, transplanted July 1st to 25th. For winter cauliflower plant the first week in May, transplanting July 20th to August 10th. Cauliflower and broccoli do best in a rich, loamy soil, not a cold, wet location. Plant 2 to 2½ feet in rows and 3½ feet between rows. Before the heads are large enough to be exposed to the light, tie or break the leaves carefully over the head to keep out the light. Great care should be used in growing plants of any of the Snowball type that they receive no severe check in their growth, as this will cause premature heads.

Snowball Types

PRICES—Uniformly unless noted are: Postpaid. Pkt. 20c; ¼ oz. 90c; oz. \$3.00; ¼ lb. \$7.50; lb. \$20.00. 3 lbs. or more @ \$18.00 lb. Write for prices on larger quantities.

DOMINANT (New)—Large heads, firm and heavy, leaves very long and broad with inside leaves covering heads closely. Medium early and adapted for summer or fall. It will stand considerable summer heat thus taking the place of Danish Dry Weather. Pkt. 20c; ¼ oz. \$1.00; oz. \$3.50; ¼ lb. \$8.50; lb. \$25.00. Postpaid.

HELIOS—Rated as especially good for Summer cutting. Large, solid, snow-white heads with good foliage covering. This variety is popular for its better resistance in warm weather.

SUPER SNOWBALL—Early variety producing heads of uniform size, shape and type. The heads are almost round with pure white, smooth curd. Tall foliage protects the heads.

SNOWBALL NO. 16—Early and produces large, thick, solid, white heads. Stands up well under rather unfavorable weather conditions. One of the best shipping varieties and ideal for canning or freezing. Good for Summer or Fall.

SNOWDRIFT—This fine strain matures with great evenness. The pure white heads are remarkable for their great depth and unexcelled white color. The curd is of fine texture and quite resistant to riceiness and fuzziness. The large, solid heads are well protected by the foliage.

MASTER SNOWBALL—Very early with large heads, well protected with good leaves. It has been well received by market gardeners.

SNOWBALL E—An early uniform maturing Snowball. Abundance of long, erect leaves, giving good protection to the large, white heads. Pkt. 20c; ¼ oz. 90c; oz. \$3.00; ¼ lb. \$8.50; lb. \$25.00.

SNOWBALL Y—Similar to Snowball X but more vigorous. Uniform heads in size and maturity, large, smooth and heavy.

SNOWBALL M—A uniform strain of Snowball similar to Snowball X. Plants vigorous, slightly smaller than Snowball X, a few days earlier and maturing more evenly. Leaves fairly erect, medium green. Heads large, well protected. Curd smooth, white and firm. Pkt. 20c; ¼ oz. 95c; oz. \$3.25; ¼ lb. \$8.75; lb. \$23.50.

Late Cauliflower

NOVEMBER-DECEMBER—An improved Veitches Autumn Giant. Requires a long growing season. Especially suited to Pacific Coast states. This makes large solid heads of finest quality. For inexperienced growers this is the easiest to grow. Plants grow rather tall with long heavy ribbed leaves. It does not make premature or "fool heads." See culture above. Postpaid, Pkt. 20c; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$6.00; lb. \$16.00.

PURPLE CAULIFLOWER—Beautiful purple head that cooks a light green. Plant same as November-December variety. The sweetest, most tender of all cauliflower types. Postpaid. Pkt. 20c; ¼ oz. \$1.25; oz. \$3.75.

LAWN SEED FOR LANDSCAPE GARDENERS

We supply landscape gardeners. Write for our quantity rates. Please advise your license number. Send for our current price list.



Cauliflower, Helios, This Page.

Winter Cauliflower

(OR CAULIFLOWER BROCCOLI)

Due to confusion with green broccoli we will list this as above. This type is adapted to the West Coast and Southern States. Usually killed by winter cold lower than 15 degrees above zero. Transplant in July or Aug. for cutting in Spring.

***ST. VALENTINE SPECIAL**—Solid white heads of large size ready in February and March. This stock is well typed. Much seed offered is inferior, but you will find this strain well developed for commercial crops. A fine outstanding type for market. This selection gives excellent leaf protection for the heads. Postpaid. Pkt. 20c; ¼ oz. 75c; oz. \$2.00; ¼ lb. \$6.00; lb. \$16.00.

APRIL—Another fine variety of Spring heading, white cauliflower. In Western Oregon transplant about August 1st to 20th. The later maturity makes a good succession to follow St. Valentine Special and Late March. Pkt. 20c; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$6.00; lb. \$16.00.

LATE MARCH—Produces fine white, well protected heads the latter part of March. Similar to Early March but about two weeks later and plants are larger. This would follow St. Valentine. Pkt. 20c; ¼ oz. 75c; oz. \$2.00; ¼ lb. \$6.00; lb. \$16.00. Postpaid.

SEED SMALL PART OF COST

Why prepare and cultivate a garden with the cheapest seed? A few cents additional in cost of seed may spell the difference between success and failure. Our vegetable seeds are very popular with market gardeners. Cheap seeds are usually dear at any cost. Yet, with all, our prices are reasonable and still maintain high quality.

CARROTS

CULTURE—Carrots may be planted from March to August 1. We prefer to plant from May 10 to 30; they will then miss many of the Spring weeds and will stand through the dry season better, making a better quality of roots. Plant in rows $2\frac{1}{2}$ feet apart covering one-half to one inch, according to weather conditions. Those who plant any quantity should use a good drill, as it lessens the work and gives a more even stand. As soon as they are up, use a wheel hoe, following this with a cultivator having small teeth.

PRICES—Unless noted: Postpaid. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 85c; lb. \$2.00.

GILL'S SPECIAL NANTES—Roots bright orange, 6 to 8 inches long and very uniform. They have a very small core and are exceptionally tender and sweet. The roots are rather slender, of even diameter and of early maturity. Very desirable for market, especially for bunching, and also splendid for the home garden. We offer a fine, re-selected strain grown from our stock seed. This variety is very popular with market gardeners. The tops are larger and stronger than the regular strains of Nantes or Coreless and this has not reduced the quality. In many sections it leads for polyethylene packing. Postpaid. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.00.

GILL'S OREGON CHANTENAY—A fine market carrot, either for bunching or sack, and sold by some seedmen as Long Chantenay and Greater Chantenay. We are the originators. A special strain of our selection producing very smooth roots about two inches longer than the regular strain and of more even diameter the whole length of the carrot. It is very popular with gardeners. The tops are of medium size, tough and wiry, hence the carrots seldom break from the bunches. The roots are rich red color with small core. Very high quality. Also valuable for planting late in the season.

ROYAL CHANTENAY—A recent introduction developed for canner and freezer and well suited for market and home gardeners. Tops 10 to 20 inches, roots $6\frac{1}{2}$ inches long and $2\frac{1}{2}$ inches at shoulders, cylindrical, stump rooted and smooth. Interior color solid red orange.

GOLD PAK (All-America Winner)—The same season as Gold Spike and about two weeks earlier than Long Imperator. Tops 9 to 13 inches, short, erect with coarsely cut foliage and dark green. Roots long, slender, smooth, slightly tapered, nicely rounded shoulders, small cores and deep orange skin; flesh rich orange, roots $8\frac{1}{2}$ to $9\frac{1}{2}$ ". Postpaid. Pkt. 20c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.50.

IMPERATOR LONG TYPE—Developed for bunching, tops medium, abundant and strong enough for good bunching. Roots long, slender in proportion to length, smooth and tapering to semi-blunt ends. Flesh of rich orange. It is longer and more evenly tapered than regular Imperator. Ideal for loose peat and sandy soils.

TABLE GEM or AMSTERDAM—The finest quality of all table carrots. The roots are 5 to 6 inches long, of even diameter and blunt ends. It is nearly coreless, exceptionally tender and sweet and delicious eaten raw. It is very early and the tops are small. Suited for forcing or outside culture. High quality for home use but not suited for market except when forced. Postpaid. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$2.90.

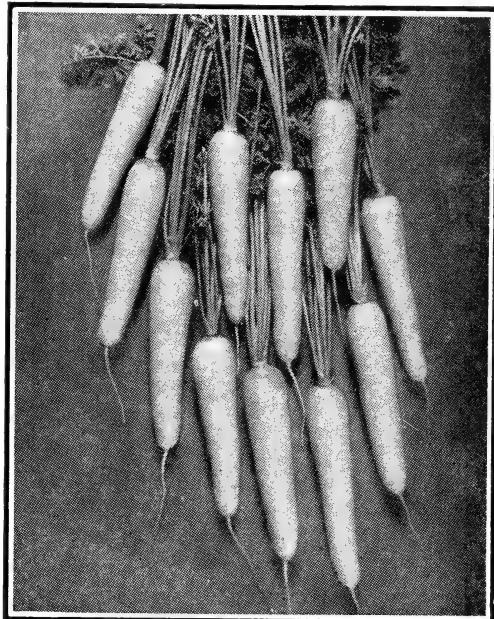
GOLD SPIKE—Long smooth roots of uniform size and even diameter. Ideal where long carrots are needed for bunching. Good color and quality. Requires mellow soil for best results. Also for good results plant late for fall sales. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.10; lb. \$2.90.

DANVER'S HALF LONG, RED CORED—An improved strain with deep orange red right through to the center. Heavy yielding.

MORSE'S BUNCHING—Long, almost cylindrical roots. Good color and quality. Popular bunching market carrot, also for packages.

TENDER-SWEET—Very sweet and tender. Roots long and of deep red orange.

CHANTENAY, RED CORED—This has a deeper red core and is popular with canners. Similar in type to regular Chantenay.



Carrot, Gill's Special Nantes, This Page.

Stock Carrots

PRICES—See carrot prices at heading.

LARGE WHITE BELGIAN—Long white stock carrot, very heavy yielder.

LARGE YELLOW BELGIAN—Same as above, except color, a pale yellow.

FIELD CORN

The growing of field corn in the Pacific Northwest has now reached a stage where it is past being an experiment, and with acclimated seed it is not difficult to obtain success. We do not handle any but Northwest grown seed of dent corn. Do not plant near sweet corn or pop corn.

OPEN POLLINATED

***MINN. NO. 13**—Early variety suited to the Northwest. Grains golden yellow, deep and heavily dented. Postpaid. Pkt. 15c; lb. 50c; Not prepaid, lb. 40c; 10 lbs. 18c lb.; 100 lbs. for \$15.00.

HICKORY KING—Early flint corn with broad flat kernels. Large, long ears with white grains. Ideal for meal and hominy. Postpaid. Pkt. 15c; lb. 60c.

HYBRID FIELD CORN

PRICES—Postpaid. Pkt. 15c; lb. 60c; Not prepaid, lb. 45c; 10 lbs. @ 30c. lb.; 50 lbs. @ 22c lb.; 100 lbs. or more @ \$20.00 per 100 lbs.

***IDAHO HYBRID (Gain Type)**—Same season as Minn. No. 13. The extensive root system keeps the plants erect, producing extra long ears and a heavy yield of grain. Good for grain or ensilage.

***OREGON HYBRID 355**—Very popular in Western Oregon for grain or ensilage. Medium early, heavy producer of deep, golden grains.

***OREGON HYBRID NO. 150**—A splendid yellow dent hybrid ripening in a little over 100 days. Uniform large ears; heavy yielding for grain or ensilage. This takes the place of No. 525. It yields heavier, and better for silage.

SWEET CORN

CULTURE—Prices paid for first early corn will pay the grower to take chances on early planting. For this planting use 4 to 5 seeds per hill and cover one inch deep. Space hills 28 to 36 inches, and rows 3½ feet, allowing two stalks to the hill or as some prefer, and we think this is best, plant 10 inches between hills, and thin to one stalk; this gives all the stalks an even show. April 1 to May 1 is a good season for early corn, depending on the weather. May 15th to 25th is good for later sorts, as they do not resist damp, cold weather like early varieties.

Corn will not fill well unless the patch planted is blocked out; those planting small quantities should make the patch square, or nearly so. This will permit the pollen to blow down on the silk, pollinating the ears. Early varieties may be planted up to July 5 in the Portland area.

OPEN POLLINATED VARIETIES

PRICES—Uniformly; Postpaid. Pkt. 15c; 6 oz. 30c; 14 oz. 55c; For 4th zone and beyond, 14 oz. 60c. Not prepaid, lb. 50c in any one variety, 5 lbs. @ 32c lb.; 10 lbs. @ 30c. lb.; 25 lbs. @ 27c. lb.

GOLDEN MIDGET—A miniature sweet corn that has found a place in small city gardens. The stalks grow only 2½ to 3 ft. tall, bearing several small golden ears about 4 to 5 inches long. The quality is very good and it matures very early. It takes very little room in the garden.

***GILL'S EARLY GOLDEN SWEET**—Earliest of the golden varieties. Ears average about the same size as Improved Bantam with stalks four feet tall. We recommend this for market and home gardens. The sweetest high quality, first early variety we have tested. Our own introduction. We have increased the size.

***GILL'S IMPROVED GOLDEN BANTAM**—Superior to the original Golden Bantam in quality and nearly twice the size, also one week earlier. Nearly all ears carry 12 rows of deep, rich golden yellow kernels set close upon the cob. Do not compare this with the original strain, as it is far superior in every respect. It has no superior for quality markets, table, canning or drying. Remember we are the originators of this improved strain and continue our careful stock seed selections each year. Many of our customers will have nothing else. Over 30 years of careful selection by ourselves for quality and size.

***GILL'S GOLDEN EARLY MARKET**—A very large, true sweet corn of golden color. It is a cross between our Improved Golden Bantam and Early White Market. It is ideal for Northern seasons; outstanding, large, early corn. It matures about a week earlier than Improved Golden Bantam. Large, golden ears, tightly filled with large sweet grains. Originated by our firm.

Yellow Sweet Corn Collections

OPEN POLLINATED VARIETIES NO. 1

We offer one packet each of Early Golden Sweet, Golden Early Market and Improved Golden Bantam for 35c; 6 oz. pkg. of each for 75c; 14 oz. pkg. of each for \$1.45. Postpaid. This makes a splendid succession if planted at the same time. They are all of high quality.

HYBRID COLLECTION NO. 2

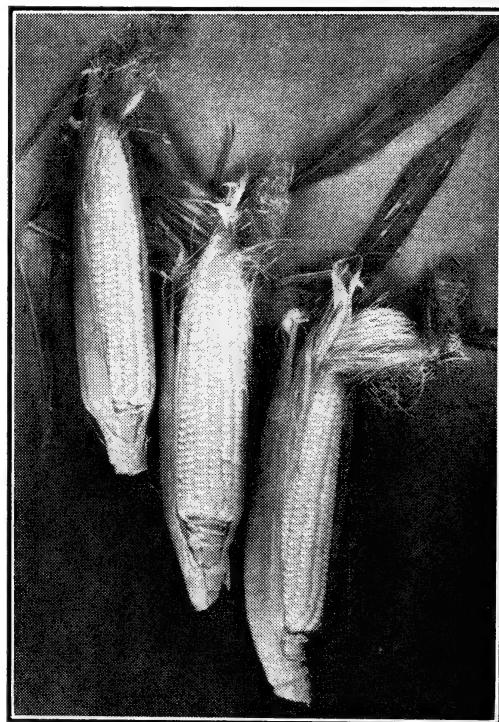
This offers a good rotation in Hybrid varieties, One packet each of Early Marcross, Carmelcross, and Victory Golden for 40c; 6 oz. pkg. of each 95c; 14 oz. pkg. of each \$1.90. Postpaid. By planting both collections you will have sweet corn for a long season.

Pop Corn

MINHYBRID 250 HULLESS—Extra early corn that pops about one-third more than old varieties. The finest for quality, flavor and crispness. Postpaid. Pkt. 20c; 6 oz. 45c; 14 oz. 75c.

***AUSTRALIAN HULLESS (Improved White Rice)**—Small, sharp pointed, white grains. Extra fine quality. Postpaid. Pkt. 15c; 6 oz. 30c; 14 oz. 50c; Not prepaid, 10 lbs. @ 30c lb.

***SPANISH PEARL**—Large, round, smooth, white grains. Fine commercial sort. Postpaid. Pkt. 15c; 6 oz. 30c; 14 oz. 50c; 10 lbs @ 30c lb.



Corn, Gill's Improved Golden Bantam, This Page.

Egg Plant

Start in hot beds like tomatoes. Set 2 feet apart in the rows and 3 feet between.

EARLY BLACK—A small extra early variety from Japan. Fine quality. Postpaid. Pkt. 20c; ½ oz. 75c; oz. \$1.25.

BLACK BEAUTY—The best of the large, early fruited varieties. Color rich, lustrous purplish black. Postpaid. Pkt. 20c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.25; lb. \$8.00.

NEW HAMPSHIRE HYBRID—An extra early variety maturing in 70 days. Fruit round to olive shape. Best variety for short seasons. Also suited for market gardeners who wish to market early. Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.00.

KISSEN HYBRID—A Japanese variety that produces heavy crops of long, small fruit. It is fairly early and of good size. Very vigorous. Pkt. 20c; ¼ oz. 90c; oz. \$1.50; ¼ lb. \$4.50.

Kohl Rabi

EARLY WHITE VIENNA—It should be used more, as it is a delicious vegetable, cooked like turnips. Transplant like cabbage in July; rows 2½ feet wide and 1 foot in rows. Can be sown in rows and thinned. Postpaid. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.75.

PURPLE VIENNA—Dwarf plants. Shape globular, purple with white, tender flesh. **Prices same as Early White Vienna.**

Hybrid Sweet Corn

PRICES—Unless noted are uniformly: Postpaid. Pkt. 20c; Any 3 pkts for 40c; 6 oz. 40c; 14 oz. 70c. For 4th zone and beyond 14 oz. 75c. Not prepaid, lb. 60c; in any one variety 5 lbs @ 55c lb.; 10 lbs. @ 50c lb. Write for prices on on larger quantities.

MORNING SUN (New)—A 72 day early hybrid. Exceptional quality and yield with outstanding sweetness and tenderness. Has long deep kernels and 14-16 row ears. Ideal for home and market gardens. Excellent plant, color and spring vigor. A good first early for canners. Dark green husks. Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 75c. Not prepaid, lb. 65c.; 5 lbs. @ 60c lb.

POT O GOLD (Canearly)—High quality hybrid early midseason that is outstanding in all characteristics, especially in market appearance. It has earliness, yield, market and ear appearance, all being important for market gardeners. Plant height 78", ears about 21 inches above ground. Rows 12 to 16, with 6½ to 7 inch ears. Fine grain color, good ear shape and quality, excellent for such an early variety.

VICTORY GOLDEN—Very outstanding for both high yields and quality. 7½ to 8 feet tall and very resistant to bacterial wilt. Ears 12 to 16 rows, are 8-8½ inches long and very uniform; golden yellow kernels with medium width, of splendid flavor. 84 days. A wonderful new variety. Postpaid. Pkt. 20c; 6 oz. 45c; 14 oz. 85c. Not prepaid, lb. 70c; 5 lbs. @ 65c.

GOLDEN EARLIPAK (New)—Large, early variety with rich golden grains. High quality. Pkt. 20c; 6 oz. 40c; 14 oz. 75c; Postpaid. Not prepaid, lb. 70c; 5 lbs. @ 65c lb.

***IOCHIEF**—A fine yellow hybrid. Claimed to have top rating for yield and cutting percentage. Excellent performance in drought. Very good flavor and tenderness. Stalks 7-7½ ft. and nearly free of suckers. Ears 8½-9 inches long, cylindrical, filled to the tips; 16-20 rows of deep, narrow grains. Good rich color and clean silker. Good husk color and ears hold well in prime condition. Gardeners like the large ears of fine quality.

F. M. CROSS—A new hybrid with large, golden ears which are earlier than Golden Cross. Compares with Carmelcross for earliness and with ears larger than Golden Cross. Grains deep and of high quality. Very satisfactory with market gardeners. Write for quantity prices. Pkt. 20c; 6 oz. 40c; 14 oz. 75c; Postpaid. Not prepaid, lb. 70c; 5 lbs. @ 65c lb.

***WHITE CROSS BANTAM**—A valuable white hybrid of outstanding quality. Strong stalks 6 to 7 feet tall, producing large ears with 18 to 20 rows per ear. Pure white grains, somewhat small but deep. We find it equal in sweetness and tenderness to the finest yellow varieties. Season about the same as Golden Cross Bantam.

***CARMELCROSS**—Large, uniform golden ears, 12 to 14 rows, about one week later than Early Marcross. Very fine quality and a good producer. A fine market variety and very popular where Golden Cross Bantam is too late.

TENDERMOST—Ears are somewhat larger and longer than Golden Cross. Plants 6 inches taller and a few days later. Very productive. Grains quite deep and of very fine quality. Exceptionally sweet and tender. Here is real quality. Large ears with white silk. One of the best hybrids with outstanding sweetness and good yield. Pkt. 20c; 6 oz. 45c; 14 oz. 75c. Not prepaid, lb. 65c; 5 lbs. @ 60c lb.

***GOLDEN CROSS BANTAM**—A hybrid valuable where Stewart's disease (wilt) makes it impossible to grow ordinary varieties. Excellent for market gardeners and canners. 12 row ears, more resistant to worm damage and one of the best for yield. Matures uniformly. Ideal for freezing.

***EARLY MARCROSS**—An early yellow hybrid with 12 row ears, longer than Golden Early Market and about one week later. Good quality.

***LINCOLN**—Vigorous, well foliated plants with ears 12 to 16 rows. Bright yellow kernels of fine quality. A valuable late variety for market, with large perfect ears. Heavy production of fodder and ears help for dairy feed.

GOLDEN BEAUTY—5-6 feet tall, very few suckers, dark green medium wide leaves. Ears 7-8 inches long, 12 rows, 1¾ inches diameter, well filled tips with kernels of medium width and depth. Dark green, good husk cover, long flag leaves, white silk. A splendid early variety.

MELLO-GOLD—Ideal for canning and freezing. 85 days, holds well in the field. Very sturdy, 7½ foot stalk with good root system. Very few suckers. Ears 8-8½ inches; 12 to 16 rows.

***SPANCROSS**—A first early hybrid for home or market. Very resistant to disease. Large ears, golden yellow, tender and sweet.

KALE, Edible

CULTURE—Same as that of Cabbage.

DWARF BLUE GREEN CURLED—This is a green shade similar to the common cabbage blue hue. The leaves are not so subject to turning yellow during the winter. Well curled foliage. The most popular for market gardeners. Pkt. 15c; ½ oz. 35c; oz. 60c ¼ lb. \$1.50; lb. \$4.00.

TALL GREEN SCOTCH CURLED—Tall and finely curled leaves. Recommended because the edible leaves are carried off the ground away from mud splattering. Postpaid. Pkt. 15c; ½ oz. 35c; oz. 55c; ¼ lb. \$1.40; lb. \$3.75.

SIBERIAN KALE—Vigorous plants, 15". tall with spread of 3 feet. Deep green. Pkt. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.40; lb. \$3.75.

Kale for Feeding

JERSEY KALE (Or Thousand Headed)—Large, heavy, massive plants, with gaint, broad leaves. This variety produces by far the largest crop. Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 65c; lb. \$1.75.

Collards

GEORGIA—Nonheading form grown for greens for home and market gardens. Plants 2-3 feet tall and forming loose clusters of tender leaves. Pkt. 15c; oz. 50c; ¼ lb. \$1.50; lb. \$3.50.

CABBAGE—Plants 2 feet tall, smooth, large, blue green, loosely folded leaves, like a loose cabbage head. Cross between Georgia Collards and Early Jersey Wakefield Cabbage. Also for poultry and livestock feeding. Price same as Georgia.

Herb Seeds --- For Planting

ANISE—For garnishing and flavoring. Seeds have an agreeable aromatic taste. Pkt. 20c.

BASIL (Sweet)—For soups and stews. Pkt. 20c.

BORAGE—Leaves and flowers have a cucumber flavor, for salads and cold drinks. Pkt. 20c.

CARAWAY—For flavoring pastry. Pkt. 20c.

CATNIP—Used for seasoning. Pkt. 20c.

CHIVES—Leaves used in salads and for flavoring soups and stews. Pkt. 20c.

CORIANDER—The seeds are used for flavoring and confectionery. Pkt. 20c.

DILL—Pkt. 15c. See page 10.

HOREHOUND—For flavoring. Pkt. 20c.

MARJORAM (Sweet)—Leaves and tender shoots for seasoning. Pkt. 20c.

OREGANO—Like a larger Sweet Marjoram but with greener leaf and very tangy delicious flavor. Pkt. 35c. Plants @ 75c each. Postpaid.

ROSEMARY—Perennial, fragrant odor; leaves used in seasoning. Pkt. 20c.

SAGE (Broad Leaf)—Perennial for seasoning. Pkt. 20c; ½ oz. 85c; oz. \$1.50.

SUMMER SAVORY (Annual)—Dried stems, leaves and flowers are for flavoring. Pkt. 20c.

THYME—Used for seasoning. Pkt. 20c.

THYME (Wild - creeping) — Perennial, ideal ground cover. Pkt. 25c.

CUCUMBERS

CULTURE—Plant rows 4 feet apart in rich, loamy soil, from May 1 to July 1; 8 to 10 seeds to a hill; thin to two or three good vines. Cover seed one inch deep and press soil fairly firm.

PRICES—Unless noted: All prices listed are Postpaid. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$1.90.

SMOOTHIE (New)—Winner of All-America Award. This was developed primarily for home gardeners. A vigorous producer, fine flavored, crisp-textured cucumbers, noted for smooth skin of delicate green color. High quality. Pkt. 20c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$2.25; lb. \$5.75.

LONG MARKETEER—Produces heavy yields. A new shipping and market variety for sections not troubled with downey mildew. Cucumbers uniformly beautiful, long and slim. Color is dark green that holds good in shipping or storage. Postpaid. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.50.

MARKETEER—Popular for home gardens and markets. Fairly smooth, long cucumbers of intense deep green. About 8 inches long with small seed area of finest quality. One of our best sellers for slicing. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.

COLONIAL—The cucumbers at market stage average 8 to 10 inches long, dark green and straight. The quality and appearance are both outstanding. The plants are exceptionally vigorous with large deep green foliage and long vines producing heavy crops. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.50.

NIAGARA—New dark green, mosaic resistant cucumber that bears throughout a long season. Long, nearly cylindrical blunt ended fruit with glossy dark green color. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.50.

EARLY SURE CROP HYBRID—Fruit slender, blunt ends, 8 to 9 inches long, $2\frac{1}{2}$ inches in diameter; holds its dark green color well after picking. Flesh is crisp, white and unusually good. Small seed cavity. Vines outstandingly vigorous, with large protective leaves. Its resistance to Mosaic and Downy Mildew keeps the vines alive and productive long after most varieties have wilted. Suitable for market grower, greenhouse, as well as home garden use. Pkt. 30 seeds, by measure, 25c; $\frac{1}{2}$ oz. \$1.65; oz. \$3.00; $\frac{1}{4}$ lb. \$9.00.

STRAIGHT EIGHT—For home, shipping and market gardens. Fruit uniformly cylindrical, rounded at ends, medium green. Earlier than most sorts and very good for early markets.

SWEET WHITE—Long, slender white cucumbers, often 12 inches long, with brittle flesh and small seed cavity. It is the most free from bitterness of any variety we have tried. It does best in quite rich soil. Unexcelled for slicing and ideal for bread and butter pickles. Because of its tenderness half grown cucumbers can be used without peeling. Our introduction. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$2.25.

CUBIT—A prolific, white spined variety distinguished by uniform, dark green exterior color and long blunt ends and cylindrical shape. The interior has smooth, crisp texture with small seed area and it is admirably adapted for slicing. It holds its fresh quality well, a very important factor for market growers. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.10.

IMPROVED EARLIEST OF ALL—Vigorous grower. Dark green, desirable for slicing and pickling. Very good for early markets.

THE VAUGHAN OR LONGFELLOW—Ideal for market purposes. Cucumbers are long, straight and of even diameter. For slicing they will average a foot long and about one and one-half inches in diameter. They are very deep green and the quality is extra fine, good for greenhouse crops. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.



Cucumber, Smoothie, This Page.

BURPEE'S HYBRID—Most outstanding, disease resistant slicing cucumber; vines extremely vigorous, long lived, bearing a big crop of long, straight fruits of finest quality. Pkt. 30 seeds, by measure, 25c; $\frac{1}{2}$ oz. \$2.20; oz. \$4.00.

DAVIS PERFECT—A strong, vigorous grower, producing heavy crops of uniform, long, dark green cucumbers. Good for pickles and slicing.

COLORADO—A market and shipping variety. Fruit dark green, cylindrical, small seed cavity. Ideal for uniformity, texture and appearance.

LEMON CUCUMBER—Resembles a lemon, splendid for pickling or slicing. Outstanding in quality. Free from bitterness and ideal for family use. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.50.

CHINA—Often grows 20 inches long and 2 inches thick. Skin bright green, almost spineless. Thick flesh white and crisp. Vigorous grower producing crops over a long season. Excellent for home gardens and exhibition. Pkt. 20c; $\frac{1}{2}$ oz. 45c; oz. 85c.

Pickling Cucumbers

PRICES—Unless noted are: Postpaid. Pkt. 15c; 35c; $\frac{1}{4}$ lb. 80c; lb. \$1.60.

OHIO M R 25—Mosaic resistant pickler; straight, cylindrical and blocky. Fruits similar to National Pickling. A little shorter than M R 17. Vigorous and productive.

GOLDEN STATE—This mosaic resistant cucumber resembles National Pickling in size, shape and color but surpasses it in vigor.

OHIO M R 17—It matures in 58 days to large dill size. Type similar to National Pickling but color is darker green. One of the best Mosaic Resistant varieties.

SMALL GHERKIN—A small, round, prickly variety used only for pickles. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.50.

NATIONAL PICKLING—Ideal for pickling; deep green, symmetrical with thick walls; slightly shorter than Chicago Pickling. Heavy yielder.

SNOW'S PERFECTION—A very popular pickling cucumber. Heavy yielder.

DOUBLE YIELD—It produces enormous quantities of pickles of the most desirable shape and color, often producing twice as many as any other variety. Black spines. It is very early, producing fruit of medium length, very straight with blunt ends and of medium green color. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.

Canadian Mail Orders

Bulbs and plants require a permit into Canada. Apply to your Customs House. On parcel post for bulbs and plants, add 15% additional to your order on such items by mail.

HEAD LETTUCE

CULTURE—Can be planted almost any time of the year. Give head varieties plenty of room, at least 14 inches apart each way. Cover one-half inch deep. Referring to head lettuce, it is generally agreed among large growers that some aging of the seed produces earlier and firmer heads, besides making them more sure heading.

Heading Lettuce

PRICES ON HEADING STRAINS—Unless otherwise noted are: Postpaid, Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

We have a very large trade with market gardeners and sell Great Lake type seed to plant thousands of acres each year. Do not gamble with your crop by buying cheap lettuce seed. Intensive selection has resulted in many strains of Great Lakes, several of which we list below. Market gardeners require many different types to cover the various seasons and climatic conditions. For home gardeners we recommend Pennlake, Early Great Lakes and Progress.

OROVERDE GREAT LAKES—Similar to Great Lakes R. Strain but of darker green color. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 85c; $\frac{1}{4}$ lb. \$1.85; lb. \$5.25. Postpaid.

DESERT GEM GREAT LAKES (New)—Uniform dark green heads with small ribs and used for summer growing as it is resistant to tip burn. Good sized heads and slow to bolt. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 85c; $\frac{1}{4}$ lb. \$1.85; lb. \$4.85.

EMERALD GREAT LAKES (New)—Vigorous, uniform grower. Good for real early spring or fall planting. Inclined to get oversized if harvested in warm weather. Similar in growth to Early Great Lakes. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$1.85; lb. \$5.00. Postpaid.

659 G—Foliation deeper green than 659 with foliage of crinkly texture and large marketable heads. Superb quality, richer color, smoother base, creamy texture and better eating. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.00.

LATE GREAT LAKES (No. 659)—A strain of Great Lakes which matures about one week later than the regular Great Lakes. The heads are darker green than Great Lakes with a light green exterior at the base. They are very sure heading and uniform. Very resistant to heat. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.75.

LAKE SUPERIOR (New)—Line bred from a single plant of Great Lakes. Moderately large with over-all spread of 16 to 18 inches. Fully rounded heads at maturity, 5 to 6 inches in diameter and very solid. Heads of bright apple green well covered with good sun resistance. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.75.

WOODRUFF'S A 36—The plants are medium to large diameter, with a large frame and short stem. Heads are about $6\frac{1}{2}$ inches wide by 6 inches deep with dark green foliage. Outer leaves are firmly attached in a way that reduces wrapper loss when cutting and trimming. The interior is well blanched with a medium sized core. Wrapper leaves protect the head from the sun. 86 days. Prices same as Lake Superior.

CORNELL 456—Valuable for growers in Eastern States and some sections of the Pacific Coast. Slightly earlier than Great Lakes. Heads very firm but smaller than Great Lakes. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 70c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.75.

PENNLAKE—Large solid heads of better quality than Great Lakes. Crisp, dark green foliage, showing more refinement than the original Great Lakes and without the ribbiness of that variety. Valuable for early spring and late summer plantings but not best suited for cutting in summer. Splendid for home and markets. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$1.85; lb. \$4.75.

IMPROVED NEW YORK "B"—Resembles No. 12, but has better leaf coverage, is larger and more burn resistant. Good for early spring and fall cutting.



Lettuce, Pennlake, This Page.

PREMIER GREAT LAKES—A uniform strain of Great Lakes, slightly earlier than the original. It makes large heads of good quality. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.50.

EARLY GREAT LAKES—This fine strain is earlier and more uniform than the original Great Lakes and is more refined with less fringes and the quality is better. In size, about the same as the regular Great Lakes, but equally resistant to heat and tip-burn. The underside leaves are darker green, making them more attractive when packed. Ideal for spring, summer and fall cutting. The solid heads are brittle and sweet. Market gardeners have tested it and are enthusiastic about it. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.75.

GREAT LAKES (R Strain)—A large, sure heading variety exceedingly resistant to warm weather. Especially valuable on higher soil and in dry weather conditions. What chiefly distinguishes this from other varieties is its increased resistance to tip-burn injury and great ability to produce solid heads under adverse conditions. The leaves are large, relatively thick, folding well over the heads so that when unwrapped they give large sections desirable for salad. Large, solid heads of fine quality, and also very sure heading. Good nation-wide. This has also proved excellent for the early fall crops. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.75.

SUMMER GREAT LAKES—Another strain of refined Great Lakes producing uniform, solid heads of fine quality. It is very good for early summer and fall crops. It is exceptionally good for fall cutting. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.50.

PROGRESS—A cross between Imperial No. 44 and other New York strains. Leaves thick, dark green and savoyed. Relatively resistant to tip-burn. Usually adapted to the same areas as Imperial No. 44. Large, solid heads of very attractive appearance when packed. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$1.85; lb. \$4.75.

IMPERIAL "44"—Medium sized, firm heads with few outer leaves. Fine for August and early September cutting in the Pacific Northwest. Recommended for general use in Eastern states. Exceptionally fine for low, dark soils.

NEW YORK SUPREME No. 55—A strain making solid, attractive heads. The earliest N. Y. strain and notable for its excellent table quality. Fine for home use.

OUR FALL CATALOG

Has a big list of new and standard kinds of perennial flower plants. If you do not have one, ask for it.

LETTUCE

Loose Leaf and Soft Heading

CULTURE—They have the advantage of quick and easy culture and also contain more vitamins. Loose leaf lettuce can be grown thicker than the heading types.

PRICES—Unless noted: Postpaid. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.

BIBB—A small butter-head type, with thick tender leaves; deep green outside and creamy yellow inside. Can be grown in greenhouses.

BLACK SEEDED SIMPSON—Large plants with very tender, loose green leaves. Dependable, quick growing and a popular old favorite.

BRONZE BEAUTY—A bronze counterpart of Oak Leaf. It possesses all the fine points of that variety and is really a beauty; and valuable for decorations. Very tender and sweet. Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 65c; $\frac{1}{4}$ lb. \$1.75.

COS. PARIS DARK GREEN (Romaine)—A fairly firm head, which is light green and white at the heart. High quality and used in green salads.

GRAND RAPIDS—The standard hot-house lettuce for forcing; also does fine in the open ground. Loose leaves with light fringed edges.

ICEBERG—Large heads, very tender and brittle. Withstands hot weather better than most.

OAK LEAF—Forms a bunch or head of medium size and light green. Excellent quality, and being free from bitterness, ideal for summer use.

PRIZEHEAD or TOMHANNOCK—A beautiful quick growing loose leaf lettuce. Leaves large, bordered reddish brown; very tender and sweet.

RUBY—New Bronze Medal, All-America. Fancy loose leaf type with bronzy leaf. Attractive for decorating. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00.

RED COS (Romaine)—Mahogany red wherever exposed to the sun, with a heart of deep creamy yellow splotched with red. It holds its red color well. Very tender and sweet. Excellent flavor, never bitter, and fine for salads and garnishing. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$2.25.

SALAD TRIM—Open-leaved, sun red deep mahogany color. Elongated leaves, excellent tender texture and fine eating quality. It is not a cos but is selected from the cos lettuce. A very attractive decoration for salads. Pkt. 20c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$2.50; lb. \$7.50.

SALAD BOWL (Gold Medal All-America)—Tender loose leaf type. Irregular leaves resembling Endive. Slow bolting. Ideal for home gardens. Larger than Oak Leaf. Pkt. 15c; $\frac{1}{2}$ oz. 60c; oz. 95c; $\frac{1}{4}$ lb. \$2.00; lb. \$5.90.

SLOBOLT—A long standing lettuce with crisp, loose green leaves. It will stand 2 or 3 weeks longer than older sorts, forming rather dwarf, compact plants. Good for all season. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$3.85.

WHITE BOSTON—A large butterhead type. Hardy for early planting. High quality. Outstanding for market or home gardens. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 95c; lb. \$2.50.

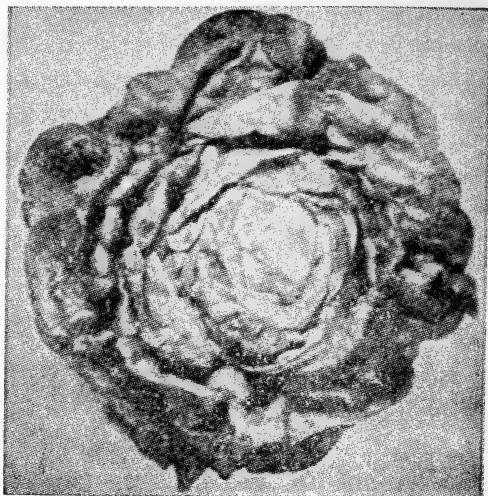
CHICKEN LETTUCE—A rough, tall, loose plant for feed only. Grows 4 feet high and supplies abundant green feed. Fine tonic for laying hens. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

Leek

Easy to grow and will stand through the winter without injury from freezing. Ideal for soups and stews. It can be planted in rows from seed or it can be transplanted. Plant from early spring up to June 1st. If bleaching is preferred cover with soil except a little of the tip leaves.

MUSSELBURG—Vigorous, large sort, suited for market or home use. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$2.00; lb. \$5.00.

See Special Collection on page 64 and inside of back cover.



Lettuce, White Boston, This Page.

WATERMELON

CULTURE—Plant 8 to 10 seeds in hills 6 x 6. Thin to 2 best vines. Turn vines with the rows. Plant May 1st to 20th.

PRICES—Postpaid. Pkt. 15c; oz. 45c; $\frac{1}{4}$ lb. 75c; lb. \$1.75.

CHARLESTON GRAY—Resistant to Anthracnose, Fusarium Wilt, Hollowheart, Gourdsneck and sunburn. It has superior shipping and eating qualities. Weight 30 to 35 pounds, long shaped. Stippled black seeds. Rind very light green, finely netted, not too thick but very hard. Flesh bright red, firm, fine textured, very sweet. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.10.

NEW HAMPSHIRE MIDGET—A new early, small size, well suited for home gardens. Somewhat smaller than a Honey Dew; color light green with broken veining. Rind very thin and brittle. Red meated and sweet. Fine ice box type. Pkt. 15c; oz. 45c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.

ICE BOX—A fine, red fleshed, extra early, hardy home garden melon of excellent flavor. Being almost 6" in diameter, will fit in refrigerators.

EARLY ARIZONA—Introduced by Gill Bros. Seed Co. Medium sized round oblong melons with dark green rind and deep red flesh. Dark brown seed. One of the best first early melons. About 30 days earlier than Klondike. Weight 15 to 20 lbs. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.

KLONDIKE No. 7 (Wilt resistant)—This strain is exceptionally sweet and fine. The flesh is very brittle with fruit oblong and deep green rind.

STRIPED KLONDIKE, BLUE RIBBON—A wilt resistant strain with thin, hard, tough rind. Weight 20 to 25 pounds; flesh deep, rich red and a splendid real sweet watermelon.

STRIPED KLONDIKE No. 11—Ready in 90 days. The highest in sugar content of the striped Klondike strains. Flesh bright red. It often carries three or four mature melons at one time that easily attain a size of 25 to 30 pounds.

BLACK SEEDED ICE CREAM—Round shaped melons with thin, ivory colored skin. Pink meated and of fine quality. It will keep late into the winter. Very prolific. Matures very early.

PRESERVING CITRON—Round green fruits marked with irregular stripes. Used for preserves and candied fruit. **Red seeded**.

If you buy quantities for commercial market gardens write for our Market Gardener Price List.

MUSKMELON

CULTURE—Loam soil is best, fertilized with rotted manure and a complete commercial fertilizer. Plant 4 to 6 feet, giving more room for larger varieties. Use 8 to 10 seeds to the hill and thin to 3; cover 1 to 1½ inches deep. Turn vines with row to permit cultivation. Plant May 1st to 25th.

PRICES—Unless noted: Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 90c; lb. \$2.00.

OREGON DELICIOUS—An improved Spear Melon. We introduced this exceptional melon for quality, size and earliness. They usually weigh 6 to 8 pounds but sometimes up to 12 pounds. The shape is oblong, slightly ribbed and with a creamy slate green color when ripe. The flesh is salmon, very thick and of wonderful quality. The melons are quite heavily netted and of attractive appearance. Pkt. 15c; ½ oz. 35c; oz. 55c; ¼ lb. \$1.00; lb. \$2.50.

NEW YORKER—A large melon, bigger than Bender with rind very strong or hard, covered with heavy netting. It is slate colored, turning to light yellow gray when fully matured. The thick, brilliant flesh has a very high sugar content and the texture is good and of delicious quality. A better shipper than Oregon Delicious.

EXTRA EARLY KNIGHT—A very early green-meated melon. Fruit oblong, weighing around 3 pounds; flesh thick, green, juicy and sweet. One of the earliest for the Pacific Northwest and one of the best green meated melons.

MINNESOTA MIDGET—Extra early small melon of about 2 pounds. Very thick flesh, small seed cavity, high sugar content, nearly round with heavy netting. Heavy yielder. Pkt. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$4.50.

SULPHUR RESISTANT 91—A good shipper with some tolerance to Mosaic and is resistant to sulphur injury in dusting for powdery mildew. Fruits oval, 3 to 4 pounds, well netted, slightly ribbed, thick salmon-orange flesh, with small seed cavity. 88 days. Length 6½ by 5¾ inches.

HEARTS OF GOLD—Fruit nearly round; weight about 3 pounds; distinctly ribbed, dark green with fine gray netting. Flesh thick, deep salmon; tender, juicy, sweet and aromatic.

GOLDEN PERSHAW (New)—A cross between Cranshaw and the Persian melon. High quality and a good shipper. Golden flesh. Pkt. 20c; ½ oz. 50c; oz. 80c; ¼ lb. \$1.35; lb. \$3.00.

HONEY DEW (Green Flesh)—A round-oblong shaped melon with almost white rind. Flesh thick, light green and sweet as honey.

GOLDEN RIND HONEY DEW—(Green Flesh)—Ten days earlier than Honey Dew. Same shape, thick flesh, good flavor and good shipper. Pkt. 15c; oz. 40c; ¼ lb. 95c; lb. \$2.75.

PENNSWEET—Extra early, medium size melon, heavy yielder, of highest quality. Very sweet, thick salmon flesh, highly recommended for home gardens and local sales. Especially noted for very superior quality. Pkt. 20c; oz. 75c; ¼ lb. \$2.25.

CORNELL DELICIOUS—New. An early, large, high quality melon. The flesh is thick, very attractive and deep orange. Early maturity. Pkt. 20c; oz. 50c; ¼ lb. \$1.35.

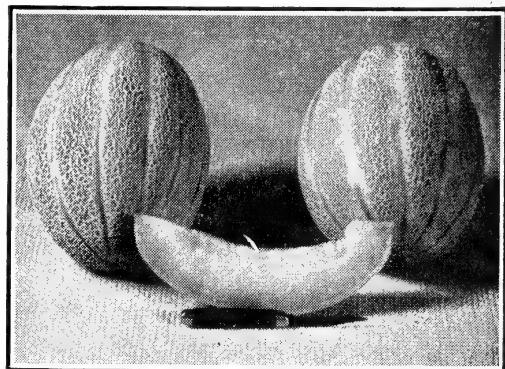
JUMBO HALE'S BEST or TRIUMPH—Early, very heavily netted, no ribs, and 25 to 30% larger than the regular Hale's Best. Thick, bright orange flesh and extremely small seed cavity.

HALE'S BEST EARLY "936"—A selected strain a little larger than No. 36. Fruit 6½ by 5¾ inches; heavily netted. Flesh deep salmon.

HAL'S BEST No. 36—About one week earlier than No. 936, 5 by 5¾ inches. Uniform, heavily netted and fine quality. 85 days to maturity.

PLANT A VEGETABLE GARDEN

An early vegetable garden will be important this year. Plant peas, radish, spinach, carrots, beets, and early cabbage, green onions and lettuce. Use them fresh from your own garden.



Extra Early Knight Melon, This Page.

RESISTANT HALE'S BEST No. 45—Wonderful shipping melon and very popular among shippers. Fruits slightly oblong, well netted and with solid, deep salmon flesh. A mildew resistant strain with vigorous vines producing melons 6½ by 6 inches. Fine quality, 88 days to maturity.

EARLY BENDER—A large, highly flavored, round melon; very early. Delicious, deep orange flesh, high quality variety for home gardens.

MEDIUM PERSIAN—Large, round, heavily netted melon without ridges. Thick orange flesh of delightful flavor. Averages about 7 to 8 lbs. weight. Pkt. 15c; oz. 40c; ¼ lb. 95c; lb. \$2.50.

Casaba Melon

CRANSHAW—It is a hybrid casaba maturing about the same season as Golden Beauty Casaba. The flesh is thick, of light salmon color and of fine quality. It is not the best for shipping, but is well suited for nearby markets and stands. Postpaid. Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.50.

GOLDEN BEAUTY—Bright yellow, almost globular in shape and the first to ripen. They will mature in most localities where melons can be grown. Pkt. 15c; oz. 40c; ¼ lb. 95c; lb. \$2.50.

Okra

CULTURE—Okra is easy to grow. Plant May 20th to June 20th. Try planting some of it.

PERKINS MAMMOTH LONG GREEN—Medium early, very productive. Pods 7 to 8 inches long, slender, meaty, tapered and ribbed. Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 60c; lb. \$1.50.

EARLY DWARF GREEN—Very productive of short, deep green pods. Pkt. 15c; oz. 35c; ¼ lb. 60c; lb. \$1.50.

Parsley

CULTURE—Plant in early spring, covering about ½ to 1 inch deep. Can also be planted up to July 15th, with later plantings 1 inch deep.

TRIPLE MOSS CURLED—Dark green moss-like leaves. Pkt. 15c; oz. 30c; ¼ lb. 60c; lb. \$1.75.

PLAIN—Dark green, deeply cut, but not curled. Pkt. 15c; oz. 35c; ¼ lb. 60c; lb. \$1.75.

HAMBURG or TURNIP ROOTED—For flavoring soups and stews. Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 75c; lb. \$1.75.

REASONABLE PRICES

Our prices are reasonable considering the quality; also increases in transportation, labor and other costs.

ONIONS

CULTURE—A rich loam is best, fertilized with well rotted manure and commercial fertilizer. Sow seed in Feb. or March if the condition of the ground and the weather will permit. Sow with drill in rows 14 to 16 inches apart; cover one inch deep. Hoe with wheel hoe as soon as they are up, but do not more than scrape the surface as onions do not stand deep cultivation. Thin them to about 4 plants to the foot. It requires 3 to 4 lbs. of seed to the acre. Seed of the white onions can be planted in the spring, summer or fall for green onions. Those planted in the fall, about Sept. 1st, will produce green onions to winter over for early spring use.

PRICES—Unless noted are uniformly: Post-paid. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c; $\frac{1}{4}$ lb. \$1.90; lb. \$4.65. Not prepaid, 5 lbs. @ \$4.60 lb.

***SELECT OREGON YELLOW GLOBE DANGERS**—The famous Oregon, long keeping onion. They are a rich coppery yellow with rather heavy outer skin. They are large and nearly globe shaped, with small necks. Early, heavy yielding, long keeping variety. White flesh of high quality.

DOWNING'S YELLOW GLOBE (Long Keeper Yellow Globe)—One of the best keeping onions. Brownish yellow exterior, medium large, and fine quality. Very successful here in Oregon as a long keeping, quality onion. It is a cross between Australian Brown and Yellow Globe.

INDIAN QUEEN—112 days. Bulbs uniform in size, shape and color, low percentage of peelers and has high yield. A storage type onion selected for growing on muck soils. Has very good skin color and a very high percentage of number 1 bulbs. A fine dark skin variety a little later than Downing. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c; $\frac{1}{4}$ lb. \$1.90; lb. \$5.00.

UTAH SWEET SPANISH—A giant globe shaped yellow onion with small top; mild sweet flesh. This strain is an outstanding improvement. Growers who have tried it demand it again. More resistant to thrip and the skin does not break as easily as other strains we have tested. We offer a very fine strain. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c; $\frac{1}{4}$ lb. \$1.90; lb. \$4.90.

SOUTHPORT RED GLOBE—Bulbs large, globe shaped, skin thick, very deep purple red; flesh white with tinge of pink. Excellent keeper.

COLORADO YELLOW SWEET SPANISH No. 6—A large, heavy yielder in the sweet Spanish type. A good keeper by comparison; color a little darker than Utah Sweet Spanish. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c; $\frac{1}{4}$ lb. \$1.90; lb. \$4.90.

EARLY YELLOW GLOBE—Considered the best early market onion for either muck or upland soils. It is early, large and a good keeper. Nearly globe shaped; color deep yellow.

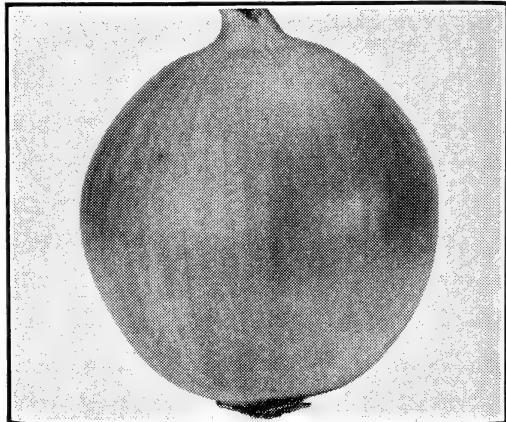
EARLY RED CALIFORNIA—A very large extra early deep blood red onion. This is the best for a red mild sweet onion. Deep flat shape. Pkt. 20c; $\frac{1}{2}$ oz. 45c; oz. 85c; $\frac{1}{4}$ lb. \$2.60; lb. \$6.50.

Hybrid Onions

FIESTA—A Spanish type with yielding capacity of the Yellow Sweet Spanish variety and the storage quality of more pungent varieties. A solid, highly refined variety in a true globe shape, well filled shoulders and a small well filled neck. The bulbs are exceptionally uniform and the skins adhere well with normal handling. Fiesta matures 10 days to two weeks earlier than the strains of Yellow Sweet Spanish. Pkt. 20c; $\frac{1}{2}$ oz. 65c; oz. \$1.10; $\frac{1}{4}$ lb. \$3.50; lb. \$10.50.

AUTUMN SPICE—A deep storage hybrid of late midseason maturity. It rates high for storage, thus enables holding for higher prices. Heavy brown shells are well retained. Extra hard bulb with pungent creamy white flesh. Bulbs and plants uniform. Bulbs round medium size. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00.

***BROWN BEAUTY**—Bulbs, large, globular, with a tight outer shell. Firm flesh, nearly white, crisp and of mild flavor. Uniform bulbs maturing 10 to 15 days earlier than Sweet Spanish types. Good storage quality. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$8.25.



Onion, Utah Sweet Spanish, This Page.

***PARMAN**—Late midseason adapted to areas where Sweet Spanish are grown. Uniform large, deep oval bulbs with golden yellowish brown skin. Outer shell well contained with good texture. They have medium firm, creamy white pungent flesh. Uniform vigorous plants produce bulbs of medium storage ability. Pkt. 20c; $\frac{1}{2}$ oz. 75c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.25; lb. \$8.00.

White Onions

PRICES—Unless noted are uniformly: Post-paid. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c; $\frac{1}{4}$ lb. \$2.00; lb. \$5.00. Not prepaid, 5 lbs. @ \$4.85 lb.

CRYSTAL WAX BERMUDA—An early white onion, very flat, very sweet. Sometimes used for early green onions.

WHITE PORTUGAL or SILVERSKIN—A medium early sort with flattened shape and clear white skin. Extensively planted by gardeners for green onions, pickling and sets, and is quite hardy.

SELECT SOUTHPORT WHITE GLOBE—Handsome globe-shaped white onions noted for keeping qualities and heavy production. A fine strain for growing commercial onions.

WHITE GLOBE—The regular type of Southport White Globe which we sell mainly for green bunching onions. The long white color is ideal for bunching. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$1.75; lb. \$4.50. Not prepaid, 5 lbs. @ \$4.35 lb.

WHITE LISBON—Grown extensively, mainly for green bunching onions. Quite resistant to cold weather. Same prices as White Globe.

JUMBO WHITE SWEET SPANISH—Larger than regular White Sweet Spanish and valuable where heavy yields are desired. Very popular for dehydration. Pkt. 15c; oz. 85c; $\frac{1}{4}$ lb. \$2.00; lb. \$5.75.

WHITE SWEET SPANISH—A large white onion. Bulbs globular with small neck, pure white skin and mild flesh.

IMPROVED GREEN BUNCHING—This is an improved strain of White Lisbon with taller tops and longer white meat. This is getting more popular each year. Demand has increased.

ORDER EARLY

Some kinds of vegetable seeds are scarce this year. It is best to order early. See our special prizes on early orders, page 4.

ONION SETS

***BOTTOM SETS**—Small onions grown from seed planted too thickly to reach mature size. They produce green onions in a short time, or if left to grow they will produce nice, large dry onions earlier than those grown from seed. It is best to use the smallest sets to provide dry onions and larger ones for green onions. We can supply only Australian Brown onion sets. In the fall we can supply white sets at these prices. **Postpaid.** $\frac{1}{2}$ lb. 25c; lb. 45c; 3 lbs. for \$1.15. **Beyond 4th zone add 5c per lb.** **Not prepaid,** 5 lbs. @ 33c; 10 lbs. @ 28c per lb.

YELLOW MULTIPLIER or SHALLOTS—Popular perennial that multiplies each year. Desirable for early crops. Brown skin, mild, white flesh. **Postpaid.** $\frac{1}{2}$ lb. 45c; lb. 75c.

EGYPTIAN or TOP SETS—Popular, old-fashioned perennial onion. Often planted along a fence. Available for green onions most of the fall and spring. It is best to plant them in the early fall; however, they can be set out in the early spring. **Postpaid.** $\frac{1}{2}$ lb. 45c; lb. 85c.

POTATO ONION SETS—This old-fashioned type of onion set is very scarce. They are grown very much like shallots and usually planted in the spring. They may be left in the ground year after year or dug and cured in the latter part of August. Valuable as dry onions and as such are long keepers. Valuable for seasoning since they keep nearly all the year. **Postpaid.** $\frac{1}{2}$ lb. 50c; lb. 90c.

ONION PLANTS

WHITE BERMUDA, UTAH SWEET SPANISH, WHITE SWEET SPANISH, WALLA WALLA SWEET, WHITE PORTUGAL, and DOWNING'S YELLOW GLOBE—These will grow early onions of mild flavor. (Ready late February.) These plants not available after May 1st. Plant in the spring as soon as weather permits. **Prices postpaid.** 1 bundle, about 75 to 100 plants, 50c; 2 bundles, 70c; 5 bundles, \$1.40; 10 bundles, \$2.50. The bundles are put up by measure, not counted. In the early spring the smaller plants will usually count around 100. In the late season they may go as low as 60 count. Shipments beyond 4th zone not recommended. Write for prices on crates of 60 bundles.

Garlic

CULTURE—Garlic does best when planted in the fall in late October and in November or in the spring as early as possible. Place rows 18 inches apart and space the garlic sections 4 inches apart. Leave the tip of the sections just barely covered.

***SILVERSKIN**—Large, late keeping variety. **Postpaid.** $\frac{1}{2}$ lb. 45c; lb. 75c. **Beyond 4th zone add 5c per lb.** **Not prepaid,** 5 lbs. @ 60c. lb. Write for prices on quantities.

POTATOES

PRICES ON SMALL LOTS—**Postpaid** $1\frac{1}{2}$ lbs. for 70c. We do not send potatoes C.O.D. We can supply most leading sorts, such as Early Rose, Netted Gem, Burbanks, Pontiac, Bliss Triumph and Kennebec. Write for varieties available and current Spring price list. Prices are changed each month to include extra costs for cold storage.

PEANUTS

Many home gardeners have been quite successful growing peanuts here at Portland, thus indicating they can be grown successfully in this climate. Plant in corn planting weather, either shelled (leave brown skin on kernels) or in shells. **In Shells, postpaid.** **Pkt.** 25c; $\frac{1}{2}$ lb. 55c; lb. 95c.

PARSNIPS

CULTURE—Same as carrots, except time of planting, which should be about May 1st.

PRICES—Unless noted: **Postpaid.** **Pkt.** 15c; oz. 40c; $\frac{1}{4}$ lb. 75c; lb. \$1.50.

***GILL'S TENDER HEART**—Because of the superior quality of this parsnip, our family has retained this seed annually for over 60 years. Unlike other parsnips, the heart is tender, never tough; roots are smooth, hollow crown, thick and heavy at top, tapering abruptly, making it easy to dig. An early sort good for early and late crops. We are the originator. Seed of our own growing. **Pkt.** 15c; oz. 45c; $\frac{1}{4}$ lb. 80c; lb. \$1.75.

HARRIS MODEL—Long, very smooth, white and remarkably free from small roots and prongs. Ideal for market gardeners who wish a long straight parsnip well suited for packing full length in lug boxes.

SMOOTH WHITE—Popular for growers who like a type without too broad shoulders and a less abrupt taper than short varieties. Longer than Hollow Crown, with smooth roots evenly tapered and attractive light color. The whitest and does not discolor as quickly out of the ground. **Postpaid.** **Pkt.** 15c; oz. 45c; $\frac{1}{4}$ lb. 80c; lb. \$1.75.

SWEET POTATOES

CULTURE—Set out in rows $3\frac{1}{2}$ feet apart and 15 inches apart in row, about May 15th to June 20th. Use loam soil in a warm location. Acclimated fresh dug plants are very essential. We do not supply tubers. Each year there is a steady increase in home garden planting of Sweet Potatoes. They are quite easy to grow.

BUSH PORTO RICO—Large broad leaves. Very vigorous and heavy producer. Strong, healthy plants. **Postpaid.** **Doz.** 70c; 3 doz. \$1.65; 100 for \$2.95.

MUSTARD

PRICES—Unless noted are: **Postpaid.** **Pkt.** 15c; oz. 35c; $\frac{1}{4}$ lb. 65c; lb. \$1.50.

GREEN WAVE—For introduction in 1958. The slowest bolting fancy leaved Mustard to supersede the Giant Southern Curled Longstanding strains. Large green curled leaves. Market gardeners tried this out and are enthusiastic about it. **Pkt.** 15c; oz. 40c; $\frac{1}{4}$ lb. 75c; lb. \$1.70.

FLORIDA BROAD LEAF—Large, upright plant; leaves exceptionally large and thick, bright green. Leaves smooth with toothed edges.

FORDHOOK FANCY—Vigorous growing mild variety, standing a long time before going to seed; leaves bright green, intensely fringed.

GIANT SOUTHERN CURLED (Long Standing Strain)—Leaves long and wide, light green, heavily crumpled and curled. Suited for fall crops.

TENDER GREEN—Sometimes called mustard spinach. Rapid growing. Oriental greens producing immense yields. It is suited for early spring or fall sowing. Mild mustard flavor, smooth leaves.

BOK TOY SPECIAL—A Chinese variety of large size and mild flavor. Plant in rows or sow broadcast in mid-August or early September. Commercial growers transplant the seedlings in very rich soil. Special selected seed from a successful grower. **Pkt.** 20c; $\frac{1}{2}$ oz. 85c; oz. \$1.50; $\frac{1}{4}$ lb. \$4.50; lb. \$12.50.

Bottle Mushroom Spawn

Grown in sterile bottle which are removed and the spawn then packed in cartons. One carton of spawn sufficient for 40 sq. ft. of bed. Produces fine white mushrooms. **Postpaid.** **Per carton,** \$1.65.

Printed Radio Garden Talks

We can mail you a complete set of 13 Radio Garden Talks. These are free upon request. See page 20.

GARDEN PEAS

CULTURE—Plant as early as the ground can be worked in the spring. Peas will not reach perfection if planted after May 1st, although they will make a fair crop. They should be well rooted before warm weather begins. If planted during February and March, they will mature before the aphids get started. Our Northwest grown seed is acclimated and will give better results. Pea seed planted in winter months should be treated with Semesan. Where peas have not previously been grown on the land it is valuable to use NITRAGIN. For seed treatment we recommend Captan if Nitragin is used.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 15c; 6 oz. 30c; 14 oz. 50c; For 4th zone and beyond: 14 oz. 55c; Not prepaid, lb. 40c; 5 lbs. of one variety @ 37c; 10 lbs. @ 35c per lb. Write for prices on quantities.

TALL VARIETIES

***FREEZONIAN**—Very sweet. A little larger than Thomas Laxton with vines about 3 feet tall. Hardy and wilt resistant. Dark green pods. Ideal for freezing or canning. Heavy producer.

***WORLD'S RECORD**—An improved Gradus, being earlier and more dwarf. Darker green pods containing 7 to 9 peas of high quality.

***SURPRISE**—Very early. Vines 3'. Pods 2½". Fine quality and flavor. Excellent canning variety. Sweeter than Alaska. A small seeded variety.

***IMPROVED TELEPHONE (Dark Green or Alderman strain)**—Dark green vines and pods. Vigorous growth, 5 to 8 feet tall, producing enormous crops. Pods 4½ to 5½ inches long, containing 8 to 11 peas of high quality. Excellent for home gardens, market gardens and shipping.

***THOMAS LAXTON**—An early, medium large podded pea of high quality. Vine 3 to 3½ feet. Dark green pods 3½ inches long with 7 to 8 peas. Ideal for market, canning and freezing. Heavy production. Exceptionally sweet and tender. Especially good for freezing.

***ALASKA**—An extra early, smooth seeded pea. Vines about 2½ feet tall. Well filled pods of medium size, filled tight with small light green peas. It can also be used for pea soup when ripe.

***VICTORY FREEZER**—Vines 24 to 30 inches tall. Pods 3½ inches long, blunt ended, borne doubly, straight, 7 to 9 peas per pod. Peas dark green, medium size, fine quality. Valuable for canning and freezing.

***MAMMOTH MELTING SUGAR (Edible pods)**—The large, broad pods are 5 or 6 inches long and are cooked like snap beans. Pkt. 15c; 6 oz. 35c; 14 oz. 60c.

DWARF VARIETIES

***LITTLE MARVEL**—Superior to the American Wonder with 3" pods, better quality, and popular.

***PACIFIC MARKET, No. 40**—A splendid dwarf variety for shippers and market gardeners. Plants are dark green, stocky, branching, resistant to Fusarium wilt. Pods round, dark green, plump, pointed, curved at tips and containing 8 to 10 large peas of finest quality, suited for market, freezing or canning. Vine 28", pods 5" long.

DWARF TELEPHONE—A large podded late variety with productive plants resistant to Fusarium wilt. Vines 24 inches tall, pods 4½ inches long, peas of high quality. 77 days to maturity.

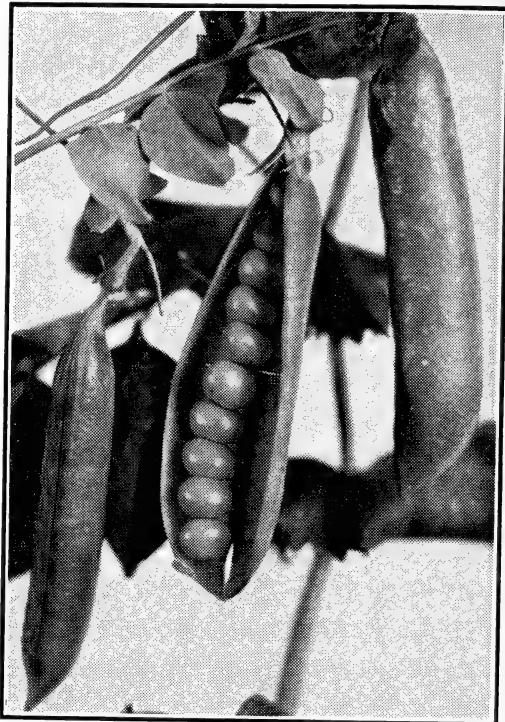
***LAXTON'S PROGRESS or IMPROVED LAXTONIAN**—Pods larger than Hundredfold and a few days earlier. Vines medium dark green; pods handsome dark green; peas large and extra sweet. Extra fine for canning and freezing.

***MORSE'S PROGRESS (No. 9)**—A new type of Laxton Progress popular with market gardeners. Pods slightly larger, maturing a few days earlier than Laxton's Progress. Even maturity.

DWARF GRAY SUGAR—Vines 24 to 30 inches tall. Pods 2½ to 3 inches long. Edible pods but are at best when picked young, then they are tender and sweet and entire pods are cooked like snapbeans. Dry seeds, small, round and reddish-gray.

UNUSUAL BULBS AND PLANTS

If you study this catalog you will find many unusual plants and bulbs. Try some of these and surprise your neighbors.



Improved Telephone Peas, This page.

Swiss or Wedge Peas

Dwarf bushy plants producing short, wide pods carrying 2 or 3 wedge shaped peas of light cream color. Used for baking and soup. We have secured a limited amount of this pea so many have been asking for. They are used as dry seed. Postpaid. Pkt. 15c; 6 oz. 35c; 14 oz. 60c.

Succession Pea Collection

We offer the following, suited for home gardeners who wish a variety of peas running from early to late. Postpaid: 1 Fkt. each. Little Marvel, Laxton's Progress, Freezonian, Improved Telephone and Pacific Market. Worth 75c for 65c; 6 oz., worth \$1.50 for \$1.25, or 14 oz., worth \$2.50 for \$2.25. Add 15c to each 14 oz. collection, 4th zone and beyond.

CALIFORNIA BLACKEYE (No. 5)—An improved type from the old Dwarf or half runner type. Dry seed is white with black eye. For table use. It is popular in the South. Postpaid. Pkt. 15c; 6 oz. 35c; 14 oz. 55c.

Rapa

An Italian vegetable valuable for greens. Sow broadcast in mid-August for early fall use. Sown in mid-September, it provides fine greens very early in the spring. Foliage resembles turnips. The young, tender leaves surround a small head of fine, deep green buds. Both are cut for greens. If you like turnip greens, you will be pleased with this. Very nutritious and easy to grow. Pkt. 20c; oz. 50c; ¼ lb. \$1.00; lb. \$3.00.

PEPPERS

CULTURE—Start plants in a hot bed or in pots in a warm room in February or early March. Transplant to open ground May 10th to 20th, rows 3 feet apart, 1½ feet in row.

PRICES—Unless noted are uniformly: Pkt. 15c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.00; lb. \$9.50.

LIBERTY BELL—Deep green, thick walled and 4 lobed. Claimed to be superior to Yolo in both production and quality. Resistant to tobacco mosaic. Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.50; lb. \$11.00.

YOLO WONDER—A fine new early sweet pepper. Mosaic resistant and produces very uniform blocky peppers with thick meat.

VINEDALE (New)—A large first early pepper, valuable for ripe or green sweet peppers. 2½' thick, 4½' long. Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.50, lb. \$11.00.

LARGE SWEET YELLOW—About ⅔ the size of California Wonder. The largest sweet yellow pepper. Yellow flesh. Pkt. 20c; ¼ oz. 85c.

FLORAL GEM—Very hot, productive, early, pepper. Fruit ¾ to 1 inch thick and 2 inches long; bluntly conical; waxy green turning scarlet.

CALIFORNIA WONDER—This fine pepper has very heavy meat. Large, blocky fruit, exceptionally mild and sweet. Fruit crimson, measuring 4½ inches long by 4 inches in diameter.

LONG RED CAYENNE—Long red peppers; extremely hot. Postpaid. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.00.

PIMENTO—Large plants, erect, prolific. Fruit heart shaped, bright red, thick meated and sweet. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.00.

HUNGARIAN WAX (70 days)—The fruits turn from green to light yellow, then to red as they ripen. It is quite hot. Fruit 5-6 inches long and 1 inch thick. Postpaid. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.00.

ITALIAN HALF LONG HOT—A very hot red pepper when ripe or green. An early variety and a heavy producer of peppers 4 to 5 inches long. String these to dry and use as needed. Pkt. 15c; ½ oz. \$1.85; oz. \$3.50.

Salsify (Vegetable Oyster)

MAMMOTH SANDWICH ISLAND—A good sort and most generally planted. Cultivate same as carrots. Postpaid. Pkt. 15c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.50; lb. \$3.75.

WINTER RADISH

These Winter radish are not suited for Summer. Prices uniformly: Postpaid. Pkt. 15c; oz. 25c; ¼ lb. 45c; lb. \$1.10. Plant in August.

CHINA ROSE—Roots of bright scarlet color. Fine quality. Sow in August for winter use.

WHITE CHINESE—Long, white stump rooted radish, solid, crisp and mild.

LONG BLACK SPANISH—Long black winter radish. Will keep a long time in pit storage.

ORIENTAL RADISH

NERIMA—Often grows 15 to 18 inches long and 1½ to 2½ inches in diameter, skin pure white. They can be dug and covered with soil, keeping throughout the winter. Sow in rows 2½ feet apart about August 1st and thin to 1 foot apart. Plant in rich, well-drained soil. Pkt. 20c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$3.90.

Radish Collection

We will mail one packet of each of the 9 varieties of radish listed above (not including Nerima), plus the 3 varieties of winter radish listed on this page, worth **\$1.80 for \$1.00**.

FREE GARDEN BULLETINS

Upon your request we will mail, without charge, Garden Bulletins by Ray W. Gill. They cover vegetable and flower cultures. See page 20.



Radish, Cherry Belle, This Page.

RADISH

CULTURE—Radish can be planted almost the year around, except during cold weather months. They can be planted in the fall as late as October 15th. They are then available during winter.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 15c; oz. 25c; ¼ lb. 45c; lb. \$1.10. Write for prices on larger quantities.

CHAMPION (New)—All-America Bronze Medal '57. Bright clear scarlet with true ball shape. Diameter of a silver dollar when fully mature and it will not get pithy for a long time. Can be sown early and make good tops for bunching. Ideal for market or home use. Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 65c; lb. \$1.50.

CHERRY BELLE—All America Bronze Medal '49. Attractive cherry red and very brilliant. Crisp, round radish that keep well without going pithy. Top rather short, making it ideal for planting outside for summer crops, also for forcing inside. Popular with market gardeners for summer sales.

PERNOT (The Fire Cracker Radish)—A wonderful new radish that is very striking in color. A slender radish about 3 inches long, bright red with a distinct white tip. It is very early and of fine flavor. Ideal for home or market.

HALF LONG RED WHITE TIPPED—A long radish of soft red, tipped white. Exceptionally mild and fine flavored. This radish is especially valuable for home gardeners. Early maturity; very brilliant. Crisp, round radish that keep well without going pithy. Tops rather short.

COMET—Ball shaped, bright scarlet; small tap roots. Splendid quality. Will remain crisp and solid when other early radishes have become pithy. Very popular for home and market.

SPARKLER—Bright red with distinct white base. Round radish with good flavor.

EARLY SCARLET GLOBE—Medium tops. Beautiful scarlet globe-shaped radish, of quick maturity and exceptionally fine flavor.

WHITE ICICLE—A splendid white radish of long shape and with mild flavor. Very popular.

BURPEE'S WHITE—Medium early pure white variety for forcing or outside. Round roots, crisp and mild. Pkt. 15c; oz. 35c; ¼ lb. 65c; lb. \$1.50.

SPINACH

CULTURE—Sow in drills 16 to 20 inches apart, thin to 3 inches. For early use, sow in the fall, or sow in early spring for late spring or summer use. Good fall spinach can be grown by planting seed August 20th to September 1st, and winter spinach can be planted until October 15th.

PRICES—Unless noted; Postpaid. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.10. Not prepaid, lb. 90c; 10 lbs. @ 85c. lb. Will quote quantities.

AMERICA (All-America Winner, Silver Medal 1952)—A cross between Bloomsdale Longstanding and Viking. Plants 6 to 8 inches high and 10 to 12 inches wide. Very thick, glossy dark green leaves. America is the best long standing, heat resisting, heavy yielding, savoyed leaved spinach on market.

***GIANT LEAF or NOBEL**—The largest and the most productive. Plants 20" across are common on good soil. The leaves are simply immense and deep green. Very heavy, brittle and tender. It is very slow to run to seed and is especially valuable for spring, summer and fall cutting.

ADVANCE—A giant from Holland. Large heavy leaves of dark green. Ideal for home or market. Prickly seeded.

TROUBADOUR—Vigorous, long standing and of giant size. Dark green, heavy leaves. Ideal for freezing, canning or fresh commercial sales.

***IMPROVED THICK LEAF or VIRO-FLAY**—This variety is very popular and we have a fine strain of seed. The leaves are broad and smooth and of medium deep green. It will stand more cold weather than any other sort and is very popular for fall sowing and early spring.

NORTHLAND—Similar to Giant Leaf but with darker green foliage. Excellent for canning, freezing or for home and market usage.

SUPRA—A variety described as an improved Giant Leaf. It gives good promise for market gardeners and also canners and freezers.

LONG STANDING BLOOMSDALE—Dark green Savoy leaves that stand heat very well. Heavy foliage of fine quality.

TEMPO—A darker green and better Viroflay. Large plants with rather smooth leaves.

New Zealand Spinach

A good summer vegetable which resists the heat and can be cut throughout the season. Plant seed about June 1st, after the ground becomes warm. It differs in appearance from the regular spinach but is prepared in the same manner. Postpaid. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 65c; lb. \$1.50.

RUTABAGA

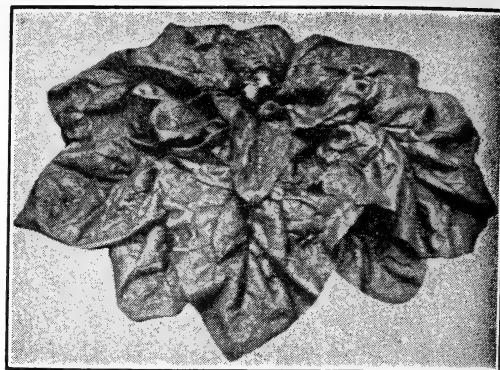
CULTURE—Sow in drills, 3 feet apart; thin to 6 inches apart. May be planted from June 15th to July 15th. The later sowings produce the best quality. Can be sown broadcast in mid-July.

***GOLDEN NECKLESS (With purple tops)**—Similar to Purple Top Yellow except it is short necked like a turnip. Skin golden yellow under ground with high quality yellow flesh. Our strain is very popular with market gardeners to whom we supply large quantities of seed. Superior to the old Purple Top Yellow strains. Postpaid. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 50c; lb. \$1.35.

LAURENTIAN—A new neckless type. Roots purple topped, clean, well shaped; skin thick and a good keeper. Flesh light yellow or cream color, fine grained and excellent quality. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 50c; lb. \$1.35.

Sunflower

MAMMOTH RUSSIAN—One of the heaviest yielders and produces extra large heads, well filled with large, plump seed. Postpaid. Pkt. 15c; oz. 25c; lb. 75c. Not prepaid, lb. 60c; 10 lbs. @ 55c lb.



Spinach, Giant Leaf, This Page.

PUMPKIN

CULTURE—Plant May 10th to 20th in rows 8 feet apart and 6 feet in the row, about 8 to 10 seeds to hill, thinning to two good plants. Turn vines with the row to permit cultivation. Use 200 pounds Land Plaster to the acre, plowing it in, also 750 to 1000 pounds 5-10-10 Fertilizer.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$1.75.

***ORANGE WINTER LUXURY**—This improved strain of our own introduction is far better than the original. The skin, a rich golden orange, is covered with a fine netting, while the meat is very thick, fine grained and of rich golden yellow. Simply cook it done and it is ready for use in making pies. It requires less sugar and eggs than other varieties. Extra early. A splendid keeper that has no equal in quality or appearance. Not suited for Halloween use.

CONNECTICUT FIELD or JACK O'LATERN—We offer an improved strain. The common field pumpkin grown for stock feeding and Jack O'Laterns. Rich, orange colored skin. They grow quite large.

SMALL SUGAR—Rather round fruit of small size, 5 to 7 inches in diameter. Smooth skin of bright orange color. Fine quality for pies. Early maturity. Ideal for Halloween.

KING OF MAMMOTH—A giant, often weighing 200 pounds; suited for feeding and exhibition. Not suited for Halloween. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$2.00.

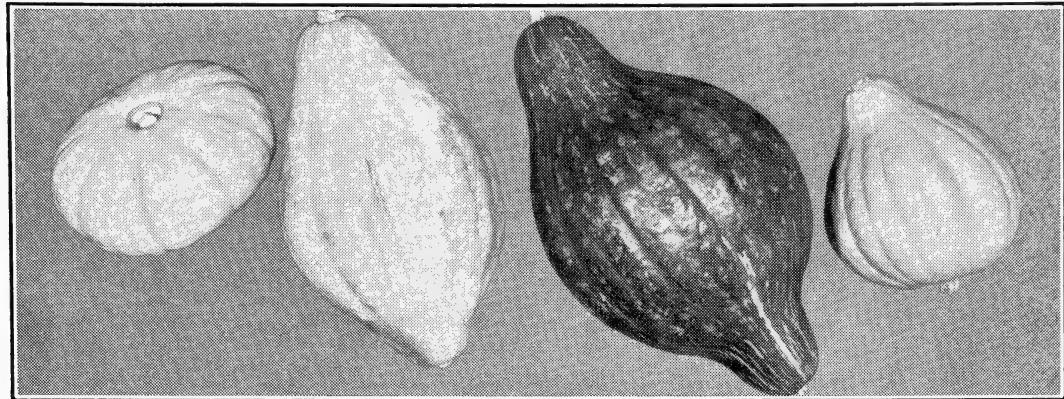
Radio Talks and Bulletins

Talks free upon request. Order by number. Numbers 1 to 18 by Ray Gill.

1. Parsnip, Tuber Artichokes and Beans.
2. Cucumbers, Cantaloupes, Watermelon, Pumpkin.
3. Sweet Corn, Squash and Field Corn.
4. Radish, Turnips, Broccoli, Rutabagas, Etc.
5. Spinach, Lettuce, Endive, Mustard, Etc.
6. Cabbage, Brussels Sprouts, Cauliflower, Kale.
7. Carrots, Beets and Potatoes.
8. Tomatoes, Peppers and Egg Plant.
9. Onions, Garlic, Leek and Peas.
10. Perennials for Food, Asparagus, Artichokes.
11. Plant More Fall Gardens.
12. Best Varieties for Home Gardens.
13. Planning the Home Garden.
14. Fertilizers, How to Use.
15. Sweet Pea Culture.
16. Lawn Culture.
17. Growing Perennial Flowers From Seed.
18. Culture of Dahlias.
19. Rhubarb Culture.
20. Mushroom Culture.
21. Culture of Tuberous Begonias.
22. Culture of Fall Bulbs.
23. Gladiolus Culture.
24. Blueberry Culture.
25. Success with Fine Seeds.
26. Rose Culture.

SQUASH--Winter Type

CULTURE—Plant from May 10th to 25th in rows 10 feet apart, spacing hills 3 feet apart, using 8 to 10 seeds to the hill. Thin to one or two strong vines. Sow 200 pounds of land plaster to the acre and plow in. Write us for our Squash Bulletin. Use plenty of well balanced fertilizer.



Sweet Meat, Sugar Hubbard, Select Hubbard, Golden Delicious

PRICES—Unless noted: Postpaid. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 80c; lb. \$2.00.

***GILL'S SUGAR HUBBARD**—A cross between selections of Sweet Meat and True Hubbard. It contains most of the good qualities of both and we believe a splendid addition for home and market gardeners. It has the fine grain and sweetness of Sweet Meat plus the large size and shape of the Hubbard. The flesh is golden like a good Hubbard and more moist than Sweet Meat. It has wonderful keeping qualities and we have held them in common warehouse storage, in fine condition, for one year. The flesh is very thick and the skin is blue-grey with slightly darker color than Sweet Meat. It will easily reach 40 pounds in weight. The skin has no hard shell, resembling Sweet Meat in that respect. We are proud of this new Squash of our origin. Ideal to cut for retail sales. Pkt. 20c; oz. 50c; $\frac{1}{4}$ lb. \$1.25; lb. \$2.90.

***SWEET MEAT**—Introduced by our firm and we have greatly improved the type. Reports from all over the nation commended this Squash. Many report it as the best squash yet introduced. We have no hesitation about featuring this squash. Its name tells part of the story, for it is the sweetest squash we have ever seen and also the longest keeper. We kept six squash in good edible condition from crop to crop. The texture of the meat is very fine grained and as sweet as the finest sweet potato. The meat is very thick, making a squash surprisingly heavy. They are not very large, being of a good family size, and averaging about 15 to 20 pounds each. They are shaped like the turban type but the indentation or knob at the blossom end is smaller than most of that type. The color is slate with slight greenish cast. It is well fixed in type. The flavor and sweetness increase with age for at least six months from harvest. A very vigorous grower and unusually free from disease. They are very uniform in size, color and shape. Its high quality is winning great favor all over the nation. Pkt. 20c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.25; lb. \$2.90.

***GILL'S SELECTED TRUE HUBBARD (Smoother Type)**—A heavy yielder and well known in the market. We have a true stock of seed selected for color, shape, and quality. Years of our selection has resulted in the best strain we know. It has nearly smooth skin. Very popular in retail stores where cut squash is sold. Excellent for freezing or canning. In our selections we strive to increase the thickness of the meat and to eliminate the greenish border next to the rind and to retain a deeper orange color in the meat. Postpaid. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.

***GILL'S GOLDEN DELICIOUS**—We take great pride in this remarkable squash of our own origin. This variety with Sugar Hubbard and Sweet Meat excel for quality. However, these three varieties have different flavors. It is the finest squash for pie, and when picked young as a summer squash its quality is outstanding. The flesh and skin are rich reddish orange with no trace of green near the rind. The flesh is two to three inches thick. It is extra dry, fine grained and sweet. Many of our friends say, "It is better than a sweet potato." The skin is thin without a hard shell, but it is a fine keeper for winter use. On account of its high quality and attractive color, it has created a sensation with canners and freezers and those who tested it claim it has the highest starch content of any variety they have tried. Vigorous growth; heavy yields.

***UMATILLA MARBLEHEAD**—Selected by the Eastern Oregon Experiment Station for resistance to blight. It is very uniform in shape and color and a very heavy producer of large, thick meated squash. The meat is golden yellow and of fine quality. The squash are rather oblong and often weigh 30 to 40 lbs. each. The seeds are yellow brown. Very popular in stores where it is cut for retail sales. Postpaid. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 90c; lb. \$2.25.

***GILL'S GOLDEN PIPPIN**—A small squash, in shape and exterior color similar to Golden Table Queen, however the meat is richer in golden color and the squash are smaller. The thick meat is very mild, sweet and of fine texture. It produces heavy yields, ripens early, and is a good keeper. We have many fine reports on this variety. It is hard to hold to its true shape, however any off types are usually of good quality. The vines make a vigorous growth. Pkt. 20c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$2.50; lb. \$6.50.

***YAKIMA MARBLEHEAD**—Large slate colored variety of fine quality. It produces heavy yields of thick meated squash. Popular shipping variety. It will often weigh 30 to 40 pounds each. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.90; lb. \$2.25.

BLUE HUBBARD—Superior quality, production and attractive appearance make this a favorite, especially in New England. Thick flesh; very hard blue-gray rind, weight 20 to 25 pounds.

BUTTERCUP—A small turban shaped squash weighing about 3 to 4 lbs. Rind thin and tough, dark green with narrow gray stripes. Adapted to home gardens and a very good keeper. Pkt. 15c; 45c; $\frac{1}{4}$ lb. 95c; lb. \$2.50.

GOLDEN HUBBARD—Orange red Hubbard type but earlier and smaller, fine quality.

WINTER SQUASH—Continued

BUTTERNUT—A fine squash suited for winter use. 10 to 12 inches long with thick orange colored flesh of fine table quality. Small seed cavity in one end of the long, pear-shaped squash. **Pkt. 15c; oz. 40c; 1/4 lb. 95c; lb. \$2.50.**

ORANGE BANANA (New)—A deep orange red. Large, long squash of finest quality. A fine keeper. Very attractive. Very popular. **Pkt. 15c; oz. 35c; 1/4 lb. 90c; lb. \$2.25.**

***JUMBO TABLE QUEEN**—One-fourth larger than Table Queen, of like shape and quality.

GREEN DELICIOUS—An extra sweet, fine-grained, dry cooking squash. Medium size, top shaped with greenish-black skin; flesh very thick, orange colored and with small seed cavity.

BANANA—The exterior of the skin is grayish-green color, while the meat is a rich orange. The average size is from 24 to 30 inches in length and 8 inches in diameter.

***SPECIAL BOSTON MARROW**—Selected strain with deeper orange color. A popular squash of large size used by canners and freezers.

***TABLE QUEEN or ACORN or DANISH**—A small squash growing about 7 inches long and 4 to 5 inches thick. Thin skin of dark green; early maturing. Desirable for home and market garden, also for shipping. It is hard to secure true types, therefore, we have made selections for many years and offer one of the best strains to be had.

***BABY HUBBARD**—They average about 6 to 8 pounds. Well suited for crating and popular for home gardens. Fine quality and good keepers. Nearly round in shape.

SUMMER SQUASH

PRICES—Unless noted are uniformly: **Postpaid. Pkt. 15c; oz. 30c; 1/4 lb. 75c. lb. \$1.65.**

BLACK BEAUTY SQUASH—Cylindrical, glossy, dark green fruit with tender creamy-white flesh. **Postpaid. Pkt. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$1.75; lb. \$4.50.**

CASERTA—From one to two weeks earlier than Cocozelle and much more prolific. Bush form. Skin color is more yellow and less striped green than the Cocozelle. It has earliness and quality. **Pkt. 15c; oz. 30c; 1/4 lb. 75c; lb. \$1.95.**

COZINI—Prolific, new, early variety. Squash very smooth, dark green, straight and blocky, firm fleshed and remaining edible over a long period, also with fine cooking quality and flavor.

STORRS GREEN HYBRID—An extra early, dark green summer squash. Heavy producers of high quality squash. It is popular for market and home use. **Pkt. 20c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$2.00; lb. \$6.00. Postpaid.**

YANKEE HYBRID—This hybrid cross is similar in appearance to Early Prolific Straightneck but is extra early. Market gardeners are using it with fine success. **Postpaid. Pkt. 20c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$2.00; lb. \$6.00.**

ZUCCHINI (Italian Squash)—It should be used quite young, when 3 to 6 inches long. The color is mottled deep green.

EARLY SUMMER CROOKNECK—Smaller, earlier and much more prolific than Giant Crook-neck. Deeper gold color.

BLACK ZUCCHINI—Like Zucchini, except that it is of much darker green.

MAMMOTH WHITE BUSH SCALLOP—Early; large, pure waxy white skin.

BENNING'S GREEN TINT BUSH SCALLOP—Uniform, prolific squash of pale green.

EARLY GOLDEN PROLIFIC STRAIGHTNECK—The fruits are smaller than the Giant straightneck but the color is a little deeper golden; 15 days earlier.

COCOZELLE or ITALIAN MARROW—Dark green when young, changing to lighter green as it matures. Early and of high quality.

TO FIND POSTAGE COSTS

Where items in this catalog are marked "Not prepaid" you can find the postage cost by using the Zone Map on page 48.

TOMATOES

CULTURE—Plant seed in box inside or in hotbed from February 15 to March 15. Transplant May 10 to 25; rows 6 feet apart and 4 to 6 feet in rows; use light, loamy soil; fertilize with 3-10-10.

PRICES—Unless noted: **Postpaid. Pkt. 15c; 1/2 oz. 60c; oz. 95c; 1/4 lb. \$2.50; lb. \$7.75.**

OREGON CENTENNIAL (Our New Introduction for 1959)—See outside cover—This introduces a new tomato with many valuable features. Fruit averages quite large, often weighing a lb. ea. The deep red exterior color, along with a very solid, extra red exterior, makes for a tomato well suited for canning, market, or home use. The seed pockets are small and numerous, resulting in very firm fruit. Moderate acidity and good flavor. Medium early maturity, with very heavy yields, and vigorous growth. The tomato, because of its firm flesh, very fine flavor and deep red color throughout, could prove valuable for commercial canning in the northern states. We believe it will make high marks for commercial sales and home use. The origin of this new tomato resulted from over thirty years of selection by a successful farmer, Mr. Paul G. Smith, of Route 1, Jefferson, Oregon. To this we have added three years of selection by our firm. **Pkt. 35c; 1/4 oz. 75c; oz. \$2.50; 1/4 lb. \$8.50. Postpaid.**

***GILL'S ALL-PURPOSE**—1947 introduction and originated by Gill's Bros. This grand tomato is like its name implies; fine for all main purposes. Field trials indicate that this variety produces its main crop as early as Select Earliana. Ideal for canning or juice, also splendid for home gardens and market gardens. It is a cross between Wasatch Beauty and the Pepper tomato retaining the best qualities of both. Outstanding for yield, appearance, quality, flavor. Produces heavy yields of large, uniform fruit on self-terminate vines. The fruit is bright red, possessing solid, deep red interior of the Pepper tomato and with its fine flavor. Its excellent flavor and solid meat make it ideal for slicing. Fruit free from large cores and of half globe shape. The blossom ends of the fruit are ideal and free from so-called "monkey faces." Vines vigorous, healthy, unusually resistant to disease. Fruit of large size, but not as large as the Wasatch Beauty. **Pkt. 20c; 1/4 oz. 80c; 1/2 oz. \$1.25; oz. \$2.25; 1/4 lb. \$6.50; lb. \$15.00.**

THE PRITCHARD, CERTIFIED (Scarlet Topper)—In earliness similar to Break O'Day. Exterior and interior color intense scarlet. Fruit of half globe shape and very solid. A tremendous cropper and very popular with market gardeners.

***IMPROVED PEPPER TOMATO**—We have selected this for several seasons and now have heavy yields of large, smooth fruit, ideal for market. It is very resistant to rain cracks, practically every fruit is smooth, generally of near globe shape, and they are exceptionally solid, containing very little seed. The fruit is red with a pink tone and the sweetest of any we have tried, being unusually free from acid. Ideal for tomato juice and far the best for slicing or canning. Every year this variety has gained rapidly in popularity. Many home gardeners will have nothing else. **Postpaid. Pkt. 20c; 1/4 oz. 45c; 1/2 oz. 75c; oz. \$1.35; 1/4 lb. \$3.90.**

EARLY CHATHAM—Extra early, bright red fruit of medium size on rather small plants. The branches terminate in dense clusters of fruit. The heavy production on small plants make it ideal for home gardens of limited space. **Pkt. 25c; 1/2 oz. 95c; oz. \$1.75; 1/4 lb. \$3.90.**

VICTOR—An extra early variety with self toping vines which are rather small and suited for home gardens. Heavy cropper of medium sized fruit. **Pkt. 20c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.00.**

IMPROVED WASATCH BEAUTY—In 1939, we introduced this remarkable tomato and have improved it each year. It is early in maturity and very heavy bearing. The branches terminate in a cluster of fruit, making a compact plant and more plants may be set per acre. The fruit is half globe shaped, firm and smooth; a beautiful red color, and borne in clusters of three to six good sized tomatoes. It is an especially good shipping and canning variety. Both market and home gardeners should try this outstanding tomato. One of the best producers for commercial canning. **Postpaid, Pkt. 20c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 90c; oz. \$1.60; $\frac{1}{4}$ lb. \$4.00; lb. \$12.00.**

FIRESTEEL—Rated 65 days. One of the best early varieties. Large, smooth, scarlet red fruit, nearly deep globe in shape with firm flesh of medium red. Dense self topping foliage. Very good quality. **Pkt. 20c; $\frac{1}{2}$ oz. 75c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.00; lb. \$9.50.**

EARLY-PAK (New)—Plants short, compact, determinate; productive, with concentrated set. Fruit globular, slightly flattened, thick walled, firm and bright scarlet. **Pkt. 15c; $\frac{1}{2}$ oz. 75c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.00; lb. \$9.00.**

BEEF STEAK—Large, bright red type of Ponderosa. Maturity rather late. **Pkt. 15c; $\frac{1}{2}$ oz. 45c; $\frac{1}{2}$ oz. 75c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.00; lb. \$9.00.**

JUBILEE—Large globe-shaped fruit of deep orange color. The flesh is very solid, and of fine flavor. Good for slicing, canning or juice. Very popular. **Postpaid. Pkt. 20c; $\frac{1}{2}$ oz. 80c; oz. \$1.50; $\frac{1}{4}$ lb. \$4.50.**

VALIANT—Popular with market gardeners. It ripens within 3 days of Earliana and it is 4 days earlier and often 2 ounces heavier than Stokesdale. A valuable tomato for market. Our sales have steadily increased. **Postpaid. Pkt. 20c; $\frac{1}{2}$ oz. 70c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.00; lb. \$8.50.**

WASHINGTON FORCING—This forcing tomato was originated by the Washington State Experiment Station and our seed was started from seed they supplied. Fruit medium large, sub-acid and fiery red. It ripens with even color from blossom end to stem. Similar to Seattle Best of All but fruit average about 25% larger. **Pkt. 25c; $\frac{1}{2}$ oz. 70c; $\frac{1}{2}$ oz. \$2.25; oz. \$3.50.**

***SEATTLE BEST OF ALL**—This strain was developed by a Seattle market gardener who started his selections from the Best of All greenhouse variety. It is larger and more productive than the original and is suited for either greenhouse or open field culture. The fruit, borne in clusters of 6 to 9, are very uniform and of bright scarlet red color. Exceedingly heavy yields. Seed of our own growing. **Pkt. 20c; $\frac{1}{2}$ oz. \$1.00; oz. \$1.75; $\frac{1}{4}$ lb. \$4.50.**

MASTER MARGLOBE—(Certified Seed)—A very popular market and shipping tomato. Average weight 6 ounces, ratio depth to width 90%. A second early, thick meated, bright red tomato.

JOHN BAER—Extra early, large, bright scarlet fruit, smooth and firm. Extra heavy producer.

IMPROVED PEARSON—Scarlet tomatoes of medium size and smooth flattened globe shape. Vine self-topping; plants vigorous. Season medium late. A good shipper. **Pkt. 15c; $\frac{1}{2}$ oz. 70c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.00; lb. \$8.50.**

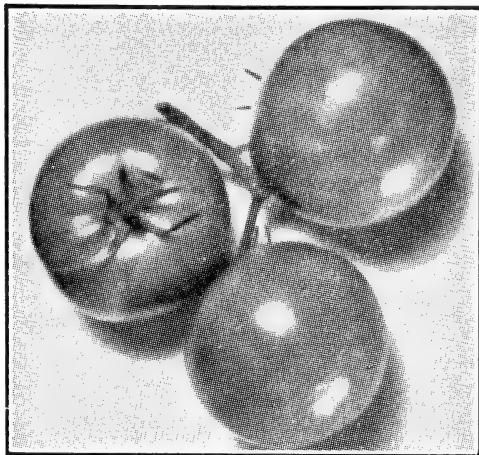
COLORADO SPECIAL—A new large strain of Earliana. It performed very well for market gardeners. Uniform, smooth fruit maturing early. A splendid first early variety. **Pkt. 20c; $\frac{1}{2}$ oz. 75c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.50; lb. \$9.50.**

BONNY BEST—Extra fine strain of this early variety. Medium sized, uniform bright scarlet.

PEARSON DEEP FRUITED—Similar to Improved Pearson but more globeshaped. **Pkt. 15c; $\frac{1}{2}$ oz. 75c; oz. \$1.25; $\frac{1}{4}$ lb. \$3.00; lb. \$9.50.**

STOKESDALE—An outstanding variety, very popular with growers for local markets and shipping. Matures along with Bonny Best. Bright red fruit that is smooth and uniform.

GILL'S SELECT EARLIANA—Crop failed. We recommend Colorado Special.



Improved Pepper Tomato, Page 22.

Hybrid Tomatoes

EARLY PROLIFIC HYBRID—A new hybrid of early mid-season, or 70 days. A main crop tomato well suited for home gardens, markets or canning. Early, and heavy yielding, quality and flavor outstanding. Fruit globular, very smooth, medium to large size, scarlet red in color. High yielding from mid-July to frost. Free from tough skin but with good solid flesh. It ripens evenly. **Pkt. of 35 seeds, by measure, 35c; $\frac{1}{16}$ oz. \$2.00.**

LARGO HYBRID—A very large main crop, heavy producer. High quality fruits of globular shape and bright red solid flesh of high quality. Resistant to Fusarium rot. **Pkt. 35 seeds by measure; 35c; $\frac{1}{16}$ oz. \$2.00; $\frac{1}{4}$ oz. \$6.00.**

BURPEE'S BIG BOY (Reg. T.M. of W. Atlee Burpee Co.)—Largest of true hybrid tomatoes, many weigh 1 lb. and over. Perfectly smooth, deep globe to oblong shape, very firm; scarlet-red color, thick walls of meaty flesh; fine flavor and excellent quality. Produces from mid-season to late. Ideal for home and market grower. Semi-upright with fairly dense dark green foliage. Plants extremely vigorous, somewhat spreading. **Pkt. 50c; $\frac{1}{8}$ oz. \$7.50.**

EARLY GIANT HYBRID—Claimed to be largest early hybrid tomato and rated 60 days. Fruits globe shape, deep red color, thick walls, excellent interior and free from white core. **Pkt. of 35 seeds by measure 35c; $\frac{1}{16}$ oz. \$2.25; $\frac{1}{4}$ oz. \$6.00.**

GIANT KING HYBRID—One of the largest of hybrid tomatoes. Very productive of uniform, smooth fruit ripening in mid-season. Color bright red. It proved very satisfactory in our trial grounds. Ideal for market or home gardens. These big tomatoes are perfect, very large and excellent quality. **Pkt. of 35 seeds by measure 35c; $\frac{1}{16}$ oz. \$2.25; $\frac{1}{4}$ oz. \$6.00.**

Two Stokescross Tomatoes

These two Stokescross tomatoes are F-2 strains that have produced heavy yields under various conditions. An F-2 tomato is the second generation of a F-1 hybrid. Their advantage over open pollinated types are that they have a longer harvest, higher yield, more resistance and are less subject to cracking. Prices, each uniformly. **Pkt. 20c; $\frac{1}{2}$ oz. 45c; oz. 80c; $\frac{1}{4}$ lb. \$2.50; lb. \$9.50.**

STOKES CROSS NO. 1—Will mature in 70 days. It sets readily with a vine of sufficient vigor. The fruit size is in the normal 6 oz. range. It is round, smooth, with a solid interior ripening to the stem. The important factor about Stokescross No. 1 is that it is an early setting tomato. It will bear heavily throughout the season. It is recommended for greenwrap, for vine ripened, or for processing.

TOMATOES—Continued

STOKES CROSSL No. 5—Will mature in 77 days. The fruit is in the 5-6 oz. range. The foliage is fully equal to Rutgers. We do not recommend heavy nitrogen applications until the main set has been completed. It has proven its place as a distinguished all purpose tomato, either for the fresh market or for the canner. It has a long harvest and will maintain its quality throughout the season.

Small Fruited Tomatoes

PEAR TOMATO—Popular for preserves and matures heavy yields quite early. We offer both red and yellow. Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.75; $\frac{1}{4}$ lb. \$5.00.

SUGAR or GRAPE TOMATO—Fruit the size of a large cherry, set thick in long clusters. Very ornamental and good eating. Pkt. 25c; oz. 90c.

GROUND CHERRY—Prized for preserves, pies or sauce. Will keep into the winter. Fruit yellow. Pkt. 20c; $\frac{1}{4}$ oz. 55c; $\frac{1}{2}$ oz. 90c; oz. \$1.75; $\frac{1}{4}$ lb. \$5.00.

***PORTER TOMATO**—A very sweet little tomato of pinkish red color. One tomato is a mouthful and can be eaten without getting juice on clothing. It is ideal for lunches and munching between meals. A heavy cropper and little subject to cracking. Globe shape and very uniform. Can be used in salads. Pkt. 20c; $\frac{1}{4}$ oz. 95c; oz. \$2.65.

SAN MARZANO (Italian Paste Tomato)—For preserves, puree and solid pack canning. Two celled fruit $3\frac{1}{2}$ " long and $1\frac{1}{2}$ " thick. Color deep red; very little juice and mild in flavor. Pkt. 20c; $\frac{1}{4}$ oz. 50c; oz. \$1.70; $\frac{1}{4}$ lb. \$4.75.

TURNIPS

CULTURE—Sow broadcast from August 1 to September 1 for late turnips. Milan varieties can be sown as late as October 1.

PRICES—Unless noted: Postpaid. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 45c; lb. \$1.40.

EXTRA EARLY PURPLE TOP MILAN—The earliest; roots flat, white with purple top. The best for early or planting in late fall.

WHITE MILAN—Extra early; tops small; roots medium small, white, flat and of fine quality.

EARLY SNOWBALL—An extra early, round turnip, snow white, and crisp.

POMERANIAN WHITE GLOBE—Good either for stock or table and resists the worms the best. Splendid keeper. Very large.

***PURPLE TOP WHITE GLOBE**—The best all-around turnip for fall and winter use. Its beautiful color, pure white with purple top, combined with its smooth globe shape, fine sweet flavor and its wonderful productiveness put this turnip in the top class for market or home use.

PURPLE TOP WHITE GLOBE OBLONG—Similar to Purple Top White Globe except shape which is elongated or oblong. The shape makes it better for bunching.

WHITE EGG—Pure white, egg shaped, early. Often used for bunching.

COW HORN—A large, long-rooted, white turnip for feeding purposes.

SHOGOIN (Foliage Turnip)—An oriental variety, very popular for greens. The leaves grow upright about 2 feet high. Roots semi-globe, pure white, tender and sweet.

TOKYO MARKET—A Japanese turnip noted for sweetness, solid yet tender roots and earliness. Attractive white turnips of fine texture. Especially suited for bunching because of medium size. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$1.75.

Turnip Seed for Green Soiling. Please write us for special prices, stating quantity needed.

HORSE RADISH

Roots for early Spring planting. Set small end of root cutting downward and cover entire cuttings. Doz. 85c; 50 for \$2.10; 100 for \$4.00. Postpaid.

Yellow Fleshed Turnips

PETROWSKI—Extra early, flat turnip of rich golden color. The flesh is orange and of fine quality. This is a very good keeper that will like. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$1.50.

***ORANGE JELLY or GOLDEN BALL**—The best yellow sort for market or family use. Roots medium sized, round and smooth, with yellow skin and flesh. One of the best for winter keeping.

YELLOW BORTFELDER—A heavy cropping, long keeping variety; very popular for dairy feed. It grows to large size.

Tampala

TAMPALA (Regular)—A green vegetable, the leaves of which are used like spinach. It retains its tenderness for a long period and is suited for warm weather. It can be used as a fresh salad. The leaves have more body, more flavor and more food value than Spinach. Plant in warm weather. Postpaid. Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.

RED TAPALA—Same except that foliage has a red tone. Pkt. 20c; $\frac{1}{4}$ oz. 75c; oz. \$2.25.

Tobacco

CONNECTICUT SEED LEAF—The earliest maturing sort for the Northwest. Pkt. 20c; $\frac{1}{2}$ oz. 50c; oz. 90c.

WHITE BURLEY—Long, broad leaves. Very prolific. Pkt. 20c; $\frac{1}{2}$ oz. 50c; oz. 90c.

Rhubarb

Rhubarb can be planted in October and November, depending upon your locality. We offer good, strong divisions with good eyes to start the crowns. For quantities write for prices. Ready for shipment about October 20th. Do not pull any stems the first year after planting. Do not fertilize heavily the first year. Space $2\frac{1}{2}$ feet apart in the rows and 6 feet between rows. If planting is deferred until spring set them out when received or plant in moist sand and plant out soon. If root divisions are planted in soil that is too dry they may fail to grow. Plant before May 1st. On rhubarb prices add 15% for Zone 4 and beyond.

CHIPMAN'S CANADA RED

This variety has very red interior in the stems and similar to Valentine. The exterior of the stems are bright crimson. The interior is really red throughout the whole length of the stem. Not a faint pink but a real red. Sweeter than most varieties and the best flavor of any variety we have tried. Each 90c; 3 for \$2.50; doz. \$8.50. Postpaid.

VALENTINE (Newer Rhubarb)

This new variety is very large and of fine quality and color. Largest of the new "all-red" varieties. Color an even, deep bright red. Texture: smooth and tender. Flavor: pleasing with slightly tart after taste. Valentine has the richest color, good flavor, the largest stalks, and the fewest seed stalks. Each 95c; 3 for \$2.75; doz. \$9.50.

CHIVES

Valuable perennials for seasoning. Easy to grow in any garden. Divided clumps. Each 50c; 3 for \$1.25; doz. \$4.25. Postpaid.

PEPPERMINT PLANTS

Mint is used for flavoring and making tea. You can make a delightful tea from fresh or dried leaves of mint. Hardy perennial, growing about two feet tall. Also used for oil. Postpaid. Each 45c; 3 for \$1.20; doz. \$4.25.

HOW TO HANDLE PLANTS

When plants are received, unwrap them at once and place the roots in water overnight. If not convenient to plant them at once place them in moist sand or earth and plant to proper place soon as possible. Do not put bulbs in water.

Berry Plants

We can supply Raspberry, Gooseberry, Grape, Blue Berry, Boysenberry, Nectarberry, Currant and various other plants. Please send for price list on small fruit.

ANNUAL FLOWER SEEDS

Annual flowers are those which grow, bloom, seed and die in one season. They are attractive in the garden—some for bedding, some for borders, some for rock gardens, some for climbing or trailing and others for their foliage effect only. Many are invaluable for cutting. There are annual flowers for every purpose; all are lovely and with proper selection, blooms can be had from early summer until frost. See page 34 for Perennial Flowers.

ASTERS

† Marked are asters of the wilt-resistant strains. We aim to supply the very best asters that can be grown or purchased, and the most up-to-date varieties and types will be found in our list. Asters are one of the best cut flowers that can be grown. Sow seed in boxes inside or in frames, about February 25th to March 15th, and transplant during May. Splendid blooms can be obtained by planting the seed in the open about May 1.

PRINCESS—An ideal type for florists, 3" to 3½" flowers on 2' to 2½' stems, with crested centers that remain full when flower is completely open, surrounded by multiple rows of guard petals. Branching habit, blooms in late August. **Prices unless noted: Each Pkt. 25c.**

†**ANNE**—Peach blossom.

†**BARBARA**—Orchid.

†**BONNIE**—Soft salmon pink.

†**ELIZABETH**—Pure white.

†**GOLDEN SHEAF**—Yellow.

†**MARGARET**—Florist rose.

†**SUSAN**—True deep blue.

†**MIXED**—All above colors in mixture.

SUPER GIANT—Upright branching strain, flowers up to 6" across on 2½' stems. Petals are lacy and interlaced. Suited for florist and gardener trade. **Prices unless noted: Each Pkt. 20c.**

†**EL MONTE**—Glowing crimson.

†**HOLLYWOOD**—White

†**LOS ANGELES**—Pure shell pink.

†**PALM SPRINGS**—Deep rose.

†**MIXED**—A good mixture.

BURPEEANA—Plants are of erect, base branching growth, producing globular, double flowers 3"-4" across, with attractively incurved petals, on 20" stems. A good mixture. **Pkt. 25c.**

GIANT CREGO—Fluffy flowers 4" to 5" across. Produce an abundance of large flowers on good stems. Azure blue, crimson, deep rose, orchid, peach blossom, purple, shell pink, white and mixed. **Pkt. 20c; ½ oz. 65c; ¼ oz. \$1.15.**

CALIFORNIA GIANT SUNSHINE—Blooms 4" to 5" across, having a single row of loose, outer petals with contrasting yellow, quill-like center disc. Plants 2' to 3' high. **MIXED. Pkt. 20c; ½ oz. 65c; ¼ oz. \$1.15.**

†**HEART OF FRANCE**—Rich dark red, 1½" to 2' branching plants. **Pkt. 20c; ½ oz. 60c.**

CALIFORNIA GIANTS—Immense flowers, 5" to 6" across. Vigorous habit and long stems with Crego type of bloom. Deep rose, light blue, peach blossom, purple, white and mixed. **Pkt. 20c; ½ oz. 70c; ¼ oz. \$1.20.**

POWDER PUFFS—Upright type with all flowers stemming from the main stalk. Plant is 24" high, with as many as 20 long-stemmed cut flowers per plant. **Mixed. Pkt. 25c.**

†**BLUE PEONY**—Double, incurved Peony shaped, azure blue flowers up to 5" across, freely borne on strong one foot stems. **Pkt. 30c.**

†**EARLY BEAUTY MIXED**—Large, double, compact flowers on long stems. Plants 2½'-3'. **Pkt. 20c; ½ oz. 60c; ¼ oz. \$1.10.**

SINGLE RAINBOW UPRIGHT MIXED—Medium-sized daisy like flowers on long stems. May be cut as a bunch. **Pkt. 20c; ½ oz. 50c.**

IMBRICATED POMPON MIXED—**Pkt. 25c.** **FANCY MIXED**—A mixture of all colors and types. **Pkt. 15c; ½ oz. 35c.**

PERENNIAL FLOWER SEEDS

See pages 34 to 38. Grow many of your own perennial plants.

SPECIAL ASTER COLLECTION

We offer 6 packets of Asters, your choice of those priced at 20c — **postpaid for 95c.** or 6 priced at 25c for \$1.25.

Acroclinium (Everlasting)

MIXED—Double and semi-double daisy-like flowers with strawy petals of silky appearance. Nice to dry for winter bouquets, cut the flowers before they are fully open. **Pkt. 15c.**

African Daisy

Sow seed same as asters and plant in sunny location. They bloom all summer.

HYBRIDA MIXED—Shades of white, yellow, orange and salmon with black disc. **Pkt. 15c.**

Ageratum

Annual, for boxes, pots and borders.

MIDGET BLUE—Dwarf, 2" to 3". **Pkt. 20c.**

BLUE CAP—Dwarf, 8"; rich blue. **Pkt. 20c.**

BLUE PERFECTION—9"; deep blue. **Pkt. 20c.**

FAIRY PINK—Salmon rose pink, 5". **Pkt. 25c.**

Alyssum

ROYAL CARPET—A neat edging for the flower bed, growing only a few inches high but 10" across, flowering when only a few weeks old until end of the season. Purple flowers. **Pkt. 25c.**

COMPACTUM VIOLET QUEEN—Rich violet, free flowering. Sweet scented. **Pkt. 20c.**

IMPROVED CARPET OF SNOW—Plants 2" high, massed with white blossoms. **Pkt. 20c.**

LITTLE GEM—Dwarf, compact, 4" high with white blossoms. **Pkt. 20c.**

PINK HEATHER—All America winner for '59. The quick growing, spreading plants are covered with Heather Pink flowers. An excellent border plant. **Pkt. 50c.**

Amaranthus

Brilliant foliage, growing 3' to 5' high.

CAUDATUS—Blood red, drooping. **Pkt. 20c.**

TRICOLOR SPLENDENS (Joseph's Coat)—The inner foliage is blackest bronze, tipped with green, the outer bright scarlet and gold. **Pkt. 20c.**

Arctotis (African Daisy)

GRANDIS—2'. White petals, light lilac reverse; sky-blue eye with yellow halo. **Pkt. 20c.**

Balsam

CAMELLIA FLOWERED MIXED—Double. Grows 2' high. Plant in hot-bed in March; move after danger of frost. May also be planted in open in May or June. **Pkt. 15c.**

Batchelor's Button (Cornflower)

DWARF JUBILEE GEM—Compact plants, covered with large double blue flowers. Splendid for borders and cutting. **Pkt. 20c.**

DOUBLE MIXED—Excellent strain. **Pkt. 15c.**

Beans, Scarlet Runner

A fine annual climber. The beans are edible. **Pkt. 15c; 6 oz. 40c; 14 oz. 70c.**

Castor Beans

RICINUS—Ornamental plants, valuable for tropical effects. **Pkt. 20c; oz. 40c; ¼ lb. 85c.**

Bells of Ireland

MOLUCELLA LAEVIS—The several branching stems are closely set in elongated Hyacinth fashion with big bell-calyxes of pale translucent green. Within each calyx lies a curiously formed little white flower. Full sun. Plant directly in ground after danger of frost. Thrives in drought. It cuts well as a fresh flower. 30" high. Pkt. 20c.

Calendula, Pot Marigold

ORANGE SHAGGY—Rich orange; petals long and deeply fringed. Pkt. 20c.

ORANGE KING—Large double of orange red, with darker centers. Pkt 20c; $\frac{1}{4}$ oz. 45c.

DOUBLE MIXED—All colors. Pkt. 15c.

PACIFIC BEAUTY MIXED—This improved calendula has greater resistance to summer heat than the regular bedding type. Pkt. 20c.

California Poppy

Plant during spring, summer or fall. Fall sowings bloom in the spring.

SEMI-DOUBLE MIXED—Pkt. 15c.

SINGLE MIXED—Pkt. 15c.

Calliopsis

Sow in April through June.

CHOICE SINGLE MIXED—Pkt. 15c.

DOUBLE MIXED—Pkt. 15c.

Canary Bird Vine

A quick growing climber, bearing curiously cut yellow flowers with curved green spurs; vaguely resembling a canary. Ideal for covering trellises, often reaching a height of 15'. Pkt. 20c.

Candytuft

Fall sowings flower in early spring; April sowings in June.

PINNACLE—(New) Giant Hyacinth type with 2' spikes of pure white florets, and are superb for cutting. Pkt. 35c.

MIXED—All colors. Pkt. 15c.

FAIRY MIXED—A new and different Candytuft. The little, dome-like plants are neat, dwarf and very compact, growing about 8" in height. It is of the Umbellata type. Pkt. 20c.

California Blue Bells (Phacelia)

CAMPANULARIA—Excellent for edgings and rock gardens with gentian blue, bell-shaped flowers marked with five white anther lobes. Does best in sunny location. 9" Pkt. 20c.

Canterbury Bells

ANNUAL MIXED—Shape of flowers and form of plants are the same as the well known biennial Canterbury Bells, but this variety blooms in six months from seed. Pkt. 20c.

Cardinal Climber

HYBRIDA—Quick growing. Covered with fiery scarlet blooms. Plant in warm location. Pkt. 15c.

Celosia

Sow inside in March, transplant or sow outside in May. Very free flowering.

TOREADOR—Uniform plants, about 20" tall, with either one large comb or several small ones of bright scarlet with light green foliage. Flower heads can be dried for winter bouquets. Pkt. 20c.

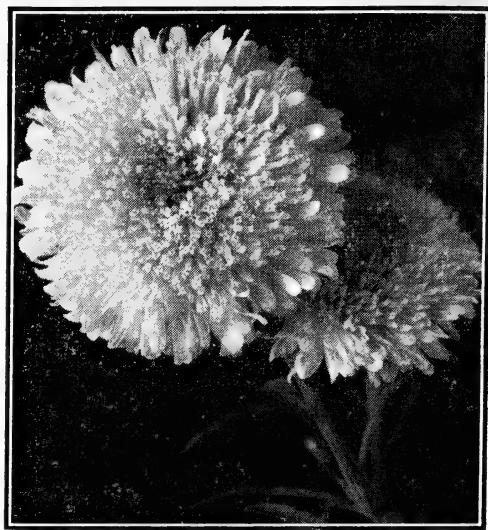
GOLDEN FLEECE—Clear golden yellow plumes are huge and dense, on long cutting stems. Pkt. 20c.

EMPEROR (Cockscomb)—Very wide crimson combs. Pkt. 20c.

PLUMOSA MIXED (Improved Feathered Type)—3', pyramidal growth. Pkt. 15c.

Giant Celosia

Seed saved from plants that grew 8' tall, with a 3' spread. Dark red plumes. Pkt. 25c.



Aster Princess Anne, Page 25.

Centaurea

ROYAL SWEET SULTAN—Sweet-scented, fine cut flower. Sow early in Spring. Mixed. Pkt. 15c.

Chrysanthemum, Annual

SINGLE MIXED—Grows 2 ft. high; blooms in mid-summer. A good mixture. Pkt. 15c.

DOUBLE MIXED—A good mixture. Pkt. 15c.

Clarkia

Easily grown double flowers; 2', fine for cutting.

MAY BLOSSOM—Deep pink. Pkt. 20c.

SCARLET QUEEN—Orange scarlet. Pkt. 20c.

DOUBLE MIXED—All shades. Pkt. 15c.

Cleome (Spider Flower)

GIANT PINK QUEEN—Hardy. 3' high; abundant blooms of salmon pink at top of spike, fading to flesh pink. For backgrounds or cutting. Blooms all season. Pkt. 20c.

GIANT ROSE—Stately plants, with stem branches ending in large clusters of brilliant rose flowers. Pkt. 20c.

Cobaea

SCANDENS—Rapid growing climber, free flowering, producing large, graceful bells, that grow readily from seeds. Best results are obtained by setting the large flat seeds on edge. Germinates in 15 days. Start early inside in pots, set out when danger of frost has passed. Pkt. 20c.

Coleus

RAINBOW MIXTURE—Attractive foliage, easily grown. Mixed. Pkt. 35c.

Coral Flower (Talium Paniculatum)

An attractive flower. Even the dark green, succulent foliage is decorative. Many slender, 30" stems bear hundreds of little 5-pointed stars in a luminous rosy pink, followed by many seed capsules like polished coral beads. Desirable for mixing with bouquets. Pkt. 15c.

Corn, Ornamental

ORNAMENTAL INDIAN—Multicolored kernels in an endless number of shades. In great demand for autumn and winter decorations. Pkt. 20c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 70c; lb. \$1.25.

STRAWBERRY POPCORN—Attractive, tiny 2" ears of rich, shiny mahogany, contrast with the straw-colored husks when folded back. Grand for decorative arrangements. Pkt. 20c; oz. 50c.

Cosmos

Plant after danger of frost; blooms in the summer and fall.

MANDARIN—A new variety and the first of a new class, with strongly double, orange flowers. Remarkable, densely foliaged plants. **Pkt. 25c.**

SENSATION RADIANCE—Deep rose petals with large zone of rich crimson. **Pkt. 20c.**

SENSATION DAZZLER—Large flowers of deep amaranth crimson, with petals fluted and slightly overlapping. Tall stems. **Pkt. 20c.**

SENSATION SINGLE MIXED—Large, blooms in ten weeks. **Pkt. 15c.**

PEERLESS MIXED—Large flowers with a large 2" crested center; a double form of the Sensation type. **Pkt. 20c.**

MAMMOTH EARLY FLOWERING MIXED—Plant in open; blooms in 60 to 90 days. Flowers 4" to 5" across. **Pkt. 15c.**

Crepis (Pink Dandelion)

RUBRA—A very attractive plant growing about 12" high with pink, double flowers. May show some white blooms. Free flowering. **Pkt. 20c.**

Cut Flower Garden Mixture

A mixture of hardy annuals blended to give a succession from early summer until fall. 2' to 3' tall. **Pkt. 15c; 1/4 oz. 30c; 1/2 oz. 50c; oz. 95c.**

Cynoglossum

FIRMAMENT—Dwarf, free blooming over a long season; bright indigo blue flowers. Excellent for growing in dry, even poor soil. 16". **Pkt. 15c.**

Datura

WRIGHTI—Trumpet flowers, 6" long, 5" across; plants 2' to 3' high; white with purple sheen. **Pkt. 20c.**

Dianthus, Pinks

WESTWOOD BEAUTY—Single flowers 1 1/2 to 2 1/4", lacinated. Various shades with red and white edges. Height almost 16". **Pkt. 15c.**

DOUBLE GAIETY MIXED—1' high. **Pkt. 15c.**

Didiscus, Lace Flower

COERULEUS—Branched plants 18" high. Clusters of tiny, lacy light blue flowers. **Pkt. 15c.**

Dolichos (Hyacinth Beans)

Very decorative vine. Flowers stand upright like hyacinth blooms followed by attractive seed pods. **Mixed. Pkt. 20c.**

Euphorbia

Suitable for beds and borders.

VARIEGATA (Snow on the Mountain)—Attractive green foliage veined white; 2'. **Pkt. 15c.**

Evening Scented Stocks

(Matthiola)

BICONIS—An 18" plant with small purple flowers that are noted for their entrancing fragrance through the evening hours. **Pkt. 15c.**

Flowering Kale

Decorative and colorful for garden. A variety of colors, useful for flower arrangement. **Pkt. 20c.**

Four O'clock

MIXED—Free flowering, does well anywhere. Very easy culture. **Pkt. 15c.**

Gloriosa Daisy

MIXED—A sensational Giant Hybrid Tetra Rudbeckia with single flowers up to 7" across in gorgeous golden yellows, mahogany and bicolors of orange, gold, mahogany and bronze. Wonderful for cutting and display. 3'. **Pkt. 25c.**

Godetia

Free flowering annual which does best in rather poor soil. Easily grown and fine for cutting.

DWARF SINGLE MIXED—Pkt. 15c.
TALL DOUBLE MIXED—Pkt. 15c.

Gourds - Ornamental

Easily grown, but pick fully ripe.

SMALL FRUITED APPLE—Pkt. 20c.
SMALL FRUITED BOTTLE—Pkt. 20c.
SMALL FRUITED ORANGE—Pkt. 20c.
SMALL FRUITED PEAR-SHAPED, striped Yellow and Green—Pkt. 20c.

SMALL FRUITED SPOON—Pkt. 20c.
SMALL WARTED MIXED—Pkt. 15c; 1/2 oz. 35c; oz. 65c.

SMALL MIXED—Main small sorts in mixture. **Pkt. 15c; 1/2 oz. 30c; oz. 50c.**

LARGE MIXED—Main large sorts in fine mixture. **Pkt. 15c; 1/2 oz. 30c; oz. 50c.**

Gypsophila (Baby's Breath)

ELEGANT ALBA—Small white clusters for mixing in bouquets. **Pkt. 15c.**

Hearts and Honey

An unusual climber, with jaggedly cut leaves of a deep clear green, while the 2" flowers are projected from long narrow 2" tubes. Flowers open brilliant pinkish-orange, changing to brilliant pinkish red with lighter center and by night a pure sparkling rose. **Pkt. 20c.**

Helichrysum

STRAWFLOWER MIXED—Fine everlasting flowers; bright colors for winter bouquets. Large, double blooms on good stems. When cut for drying hang up with flowers downward. **Pkt. 15c; 1/2 oz. 45c; 1/4 oz. 75c; oz. \$1.85.**

Heliotrope

Start indoors, plant out in May.

GIANT FLOWERED MIXED—Pkt. 20c.

Hollyhock

INDIAN SUMMER—These are really perennials but are called annual because they bloom the first season from seed if started early. Fully double in pastel shades. See regular hollyhocks, page 36. **Pkt. 25c.**

Ice Plant (Mesembryanthemum)

CRINIFLORUM (Livingstone Daisy)—Slightly spreading plants, with daisy-like 2" flowers. Thrives in poor and sandy soil. **MIXED. Pkt. 20c.**

Impatiens

HOLSTII HYBRIDS (Often called Sultanna or Busy Lizzy)—A favorite house plant, also an excellent border plant, forming a bushy plant 15" high with abundance of flowers. **Mixed. Pkt. 25c.**

Kochia (Burning Bush)

Symmetrical oval plants, 3' tall, resembling an ornamental evergreen. Fine for hedges. Turns deep red in fall. **Pkt. 15c.**

Lantana

MIXED—Half hardy greenhouse or bedding plant. Verbena-like flowers. **Pkt. 20c.**

Larkspur (Regal)

This has the qualities of Imperial types, but has Delphinium-like florets on long, thick spikes. **Prices unless noted: Pkt. 20c.**

DARK BLUE—Deep violet-blue.

LILAC—Clear lilac.

PINK—Brilliant pink on salmon.

ROSE—Rich florist's rose.

WHITE—Pure white.

MIXED—Brilliant blend.

Linaria

NORTHERN LIGHTS—Like small snapdragons. Brilliant colors. Pkt. 15c.

Linum (Flax)

GRANDIFLORUM RUBRUM (Scarlet Flax)
1½' high. Pkt. 20c.

Lobelia

For pots, edges or hanging baskets.

CRYSTAL PALACE COMPACTA—Best dark blue. Dwarf compact plants. Pkt. 20c.

COMPACTA CAMBRIDGE BLUE — Light blue, 5" to 6". Pkt. 20c.

COMPACTA ROSAMOND—Deep carmine-red with white eye. Pkt. 20c.

SAPPHIRE (Trailing)—Large, blue flowers with pure white eye. Pkt. 20c.

DWARF MIXED—All colors. Pkt. 15c.

Lupin

ANNUAL MIXED—Easily grown; spikes of pea-shaped blooms 2' high. Pkt. 15c.

Marigolds

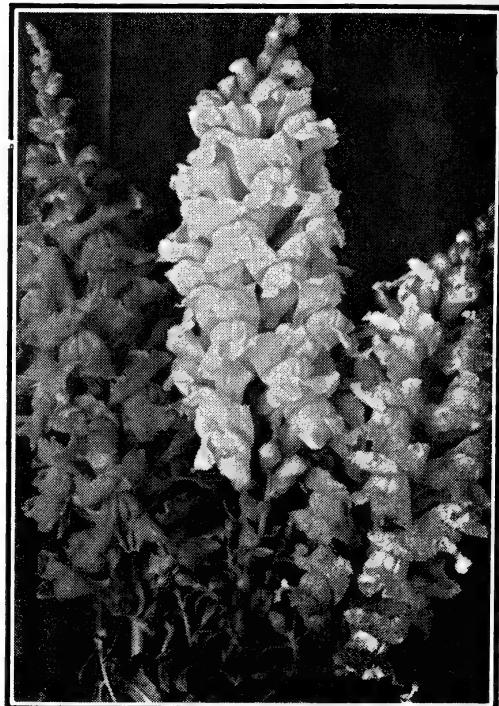
GILL'S "NEVER BEFORE" MIXED—Giant African Marigolds. Never before so many new shades and colors. Never before such remarkable freedom from the strong marigold odor. A leading florist remarked: "You have changed the Marigold so that with these new colors and forms we can use them extensively for general florist use." Strong, vigorous plants, loaded with giant blooms on long, strong stems. Without disbudding, irrigation or special fertilizing we grew many flowers 5" to 6" in diameter. The seed is offered in a blend of colors ranging from light lemon to deepest orange, including many types with wide loose petals, others quilled, cupped or twisted in formation. With disbudding, irrigation and extra fertilizing, blooms 8" in diameter, can be grown from some types and with long erect stems. In order to include new forms and colors some smaller types are included in our selections. Many flowers in this strain are fragrant and the common strong marigold odor is generally absent. The vigorous plants often stand 4 to 6 feet tall with branching habits and loaded with blooms. Each year we make new and better selections. Be sure to include these wonderful marigolds in your order. More of the lighter shades are included in the seed offered this year. This is by far the finest and largest selection we have ever had. Pkt. 25c; $\frac{1}{16}$ oz. \$1.00; $\frac{1}{4}$ oz. \$3.00; oz. \$9.50.

NEVER BEFORE LEMON SHADES—Giant flowers in various formations. Long erect stems. Color light lemon to yellow. Will show a few orange blooms. Ideal cut flower for florists. Pkt. 25c; $\frac{1}{16}$ oz. \$1.00; $\frac{1}{4}$ oz. \$3.00; oz. \$9.50.

NEVER BEFORE, ORANGE SHADES—This selection of orange-colored blooms. Pkt. 25c; $\frac{1}{16}$ oz. \$1.25; $\frac{1}{4}$ oz. \$3.00; oz. \$9.00.

GILL'S ANEMONE MARIGOLD—Striking new African Marigold. It grows 3 to 5 feet tall loaded with shades of yellow to orange blooms on long stems. It will make a sensation in any garden. While we have varieties in the French dwarf type with anemone centers, we have in this new African type large flowers with distinct outer guard petals. Many blooms measure 4" in diameter and grow on long, strong stems. Bushes 4' tall are common and they are loaded with flowers. When cut they last several days in good condition and make splendid arrangements. Be sure to try this new flower. Originated by Gill Bros. Seed Co. Mixed. Pkt. 25c; 3 Pkt. for 70c; $\frac{1}{16}$ oz. \$1.25.

BUTTERBALL—Dwarf double French Harmony type. 2" blooms of butter yellow, lightly tipped with maroon. Pkt. 15c.



Tetra Snapdragons, Mixed. Page 31.

CHRYSANTHEMUM FLOWERED HYBRIDS—Mixed. Pkt. 15c.

CLIMAX (New)—A giant African hybrid type, plants 2'-2½', with tremendous, almost globular clear light yellow and bright orange flowers up to 5" across and 4" deep. Pkt. (59 seeds) \$1.09.

COLOR MAGIC—An unusually striking blend of colors from red to golden yellow, also many bicolor combinations. Dwarf compact plants with 2½" double flowers. Pkt. 25c.

CRACKERJACK—2½'-3' plants that are early, compact, double and free flowering with flowers 4" to 5" across. Mixed. Pkt. 25c.

CUPID—Large chrysanthemum-like flowers of primrose yellow cover the compact dwarf plant. Marvelous for edging and border. Pkt. 20c.

DWARF AFRICAN MIXED—Dble. Pkt. 15c.
DWARF DBL. FRENCH MIXED—Pkt. 15c.

DWARF DOUBLE HARMONY — French, Scabiosia-like flowers, golden yellow, bordered rich maroon red. Early, bushy plants. Pkt. 15c.

GLITTERS—A lemon yellow chrysanthemum-flowered African marigold, a little more dwarf and earlier than Mammoth Mum. Pkt. 20c.

LARGE AFRICAN—Tall, Double. Lemon, orange and mixed. Pkt. 15c.

LEMON DROP—Dwarf French type, compact plants with double canary yellow flowers. Profuse blooming, 9" tall. Pkt. 20c.

MAMMOTH MUM—Large fluffy light sulphur-yellow blooms in true mum form. Stems long and sturdy. Pkt. 20c.

MISSION GIANT GOLDSMITH—Rich golden orange, incurved. Pkt. 20c.

MISSION GIANT YELLOWSTONE—Clear golden yellow blooms, 4" to 5" across, resembling an incurved chrysanthemum. Pkt. 20c.

NAUGHTY MARIETTA—Wide, open, single 2½" flowers; rich golden yellow blotched maroon at the base of petals. Compact plant 1'; early and continuous bloomer. Pkt. 20c.

RUSTY RED—Large fully double flowers, with frilled petals of rusty red edged with gold, are freely borne well above the dwarf, bushy plants from early summer until frost. Pkt. 20c.

MARIGOLD — Continued ...

PETITE—A.A.W. '58. Dwarf double French type of uniform habit, very early flowering; average height 5"-6" with a spread of about 10", orange, gold, yellow and harmony flowers. Plants are mound shaped making the neatest edging or low bedding plantings. **Pkt. 35c.**

SIGNATA GOLDEN GEM—Dwarf single. **Pkt. 15c.**

SPRY—Dwarf double French. Very early, 1½" blossoms with yellow crested centers and rows of mahogany guard petals. **Pkt. 15c.**

TALL FRENCH MIXED—Double. **Pkt. 15c.**

Mignonette

Keep a succession by sowing in April and July. **MACHET MIXED**—Extra large spikes. 15" to 18", very fragrant. **Pkt. 15c.**

Moon Flower (Vine)

BONA NOX and **NOCTIFLORA MIXED**—Blooms at sunset, fading in late morning. Will grow to 20 ft. with trumpet-shaped, white, pink or blue, fragrant flowers. Soak seed over night before planting. Germinates in 10-12 days. **Pkt. 15c.**

Morning Glory

HEAVENLY BLUE—Sky blue. **Pkt. 20c.**

SCARLET O'HARA—Rich dark wine red color. Blooms in 65 days, prefers sandy soil. **Pkt. 20c.**

SUMMER SKIES—Large, husky grower, with light lavender blue flowers. Blooms early and continues in full bloom until frost. **Pkt. 20c.**

MIXED—**Pkt. 15c.**

Nasturtium

Sow in April, thin to 2" or 3".

Dwarf Varieties

CHERRY ROSE—Gem type with semi-double soft cherry-rose blossoms. **Pkt. 15c; oz. 60c.**

SCARLET GLOBE—Semi-double blossoms. Dark foliage, compact plants. **Pkt. 15c; oz. 50c.**

SEMI-DOUBLE MAHOGANY GEM—Sweet-scented dark mahogany red. **Pkt. 15c; oz. 50c.**

SEMI-DOUBLE GEM MIXTURE—Compact plants; excellent for borders. **Pkt. 15c; oz. 50c.**

FINEST MIXED—All colors. **Pkt. 15c; oz. 35c; ¼ lb. 95c; lb. \$2.90.**

Tall Varieties

SEMI - DOUBLE GOLDEN GLEAM—Big, sweet-scented yellow. **Pkt. 15c; oz. 50c.**

SEMI-DOUBLE GLEAM HYBRIDS—Large, sweet-scented blooms. **Pkt. 15c; oz. 50c.**

CALIFORNIA GIANTS MIXED—All colors. **Pkt. 15c; oz. 35c; ¼ lb. 90c; lb. \$2.85.**

Nemnesia

LARGE FLOWERING MIXED—Suitable for cool places. 1' tall, orchid-like flowers. **Pkt. 15c.**

Nemophila

Hardy annual. Easy culture. Useful for borders. **INSIGNIS BLUE (Baby Blue Eyes)**—**Pkt. 20c.**

Nicotiana (Flowering Tobacco)

DAYLIGHT SENSATION—The blooms stay open during the daytime. **Mixed. Pkt. 15c.**

Nigella (Love-in-a-Mist)

MISS JEKYLL—Ideal cut flower of bright blue. Free flowering. **Pkt. 20c.**

Passion Flower (Passiflora)

EDULIS—Attractive vine with blue and white flowers followed by egg-shaped fruit. **Pkt. 25c.**

BARGAINS FOR EARLY ORDERS
We offer special savings for early orders.
See Page 4.

Phlox

Massing, beds, borders; sow indoors or outside.

GLOBE MIXED—Dwarf, free flowering, rounded plants, branching habit. **Pkt. 25c.**

GIGANTEA ART SHADES MIXED—Pastel shades, white eye. **Pkt. 20c.**

TWINKLE MIXED—A.A.W. '57. The new dwarf version of star mixed. Plants are 6" high with toothed edges. **Pkt. 25c.**

Poppies

Sow in fall or early spring.

DOUBLE SHIRLEY (Begonia Flowered)—Satiny flowers; finely cut foliage. **SWEET BRIAR (Deep Rose Pink)** or **MIXED**. Each, **Pkt. 15c.**

Portulaca

(Sun Plant or Moss Rose)

For beds, edgings or rockeries.

SINGLE MIXED—All colors. **Pkt. 15c.**

DOUBLE MIXED—Selected. **Pkt. 20c.**

All Double Petunia

Culture—For seeds of Giant Petunias. They are expensive and the safest method is to start them indoors about eight weeks before the usual outdoor planting time. Plant in a flat box or pan filled with good sifted soil. Press them into the surface rather than cover with soil and place glass over the box to retain moisture. Take glass off after the seed germinates to prevent dampening off. Weak, slow growing plants produce the finest flowers.

ALLEGRO—Flowers are fully fringed, double, bright salmon, 3½" to 4" across, on 12" strong and vigorous plants. **Pkt. \$1.00.**

COLOSSAL SHADES OF ROSE—The double blooms are often 5" across, in rose shades, salmon-pink through rosy-pink to rosy mauve. Vigorous plants 20" to 24" tall. **Pkt. \$1.00.**

MRS. DWIGHT D. EISENHOWER—Flowers are uniform for doubleness and a soft unusual mid-salmon shade. Plants are dwarf, bushy, and of good habit. **Pkt. \$2.00.**

ROSE MARIE—Delightful shade of rose-pink, 3" and more across, on dwarf compact 18" plants. Excellent for borders and cutting. **Pkt. \$1.00.**

SONATA—Large fully fringed, double, pure white flowers 3½" to 4" across. Trim for more dwarfness and better branching plants. **Pkt. \$1.00.**

GLORIOUS MIXTURE—Both tall and dwarf types in all Pan-American colors. **Pkt. 85c.**

CANADIAN MIXTURE—An improved double strain, with immense double flowers. **Pkt. 85c.**

Petunias, Redskin Series

COMANCHE—Its hybrid vigor makes this a grand bedder, standing erect in most weather. Bright red flowers 2½" to 2¾" across. **Pkt. 50c.**

INCA—Dwarf compact, 12-16" plants. Rose red with gold throat flowers. Base branching. **Pkt. 50c.**

PALEFACE—The most vigorous dwarf compact and free flowering petunia in existence. Pure white with small creamy eye. **Pkt. 50c.**

POW-WOW—A blend of the straight colors of Redskin series with the addition of the deep purple to round out the color range. **Pkt. 50c.**

Other Petunias

BALLERINA—Extra large fringed flowers of soft glowing salmon. Plants are vigorous, free branching, and bloom profusely. **Pkt. 50c.**

BLUE BEDDER—Dwarf compact 12"-16" plants, bearing many plain edged single mid-blue flowers. **Pkt. 20c.**

BLUE LUSTRE—F-1 hybrid type, growing a foot tall, spreading to 24", with an abundance of waved flowers. Newly opened blooms are deep velvety blue with rich red undertone, which varies like taffeta, depending on the light. **Pkt. 50c.**

PETUNIAS — Continued

CALIFORNIA GIANTS—Often 5" wide, fringed, open throats. Desirable colors. Pkt. 25c.

CARNIVAL—Bedding type mixture of a variation of colors. Moderately compact 12" to 15" plants with large fringed, ruffled flowers. Pkt. 50c.

CELESTIAL ROSE—Deep rose on compact plants about 1' high. Pkt. 25c.

CHEERFUL—Dwarf bedding flowers 2 3/4" or more across. Color varying, according to age, from clear salmon-pink to lighter shades of salmon. New habit being low, spreading to ground, later forming a dwarf mound 10" high and 2' across; ideal for bedding and borders. Pkt. 25c.

CRUSADER—Uniformly dwarf, compact spreading plants, with large, fringed, rose-pink on white flowers. Pkt. 35c.

ELK'S PRIDE—Immense single, black purple flowers. Strong, vigorous grower. Pkt. 25c.

FIRE DANCE—Large deeply fringed, brilliant salmon-scarlet with yellow throat flowers, dwarf, semi-compact plants. Base branching. Pkt. 50c.

FLAMING VELVET—Mahogany red with sheen; with many flowers all season. Pkt. 20c.

FLUFFY RUFFLES—Strong, free flowering 12"-16" plants, bearing many large ruffled and fringed flowers of bicolor shades. Pkt. 35c.

FRINGED SNOW STORM—12" to 16" plants with white fringed flowers. Pkt. 35c.

GLITTERS—A.A.W. '57. An F-1 hybrid Nana Compacta Petunia of brilliant scarlet with a pure white star-like edging. Pkt. 50c.

MAYTIME—A.A.W. '58. F-1 hybrid grandiflora type with clear light salmon-pink flowers. Plants uniform, compact and base spreading. Height about 12" and a 24"-30" spread. Pkt. 50c.

MOONSTONE—F-2 hybrid, 20" plants with creamy yellow to lemon-yellow flowers 2 1/2" across. Pkt. 25c.

NANA COMPACTA MIXED—This miniature petunia, 5" to 6" high, is recommended for borders and rock gardens. Pkt. 15c.

PRIMA DONNA—Large fringed flowers of bright rose pink; plants are dwarf, compact spreading, with base branching habit. Pkt. 50c.

PEACH SATIN—F-1 hybrid multiflora type flowers nearly coral in tone, and as the bloom becomes full the color softens to warm salmon-pink. Plants compact reaching height 14"-16". Pkt. 50c.

PINK SATIN—F-1 hybrid multiflora globe shaped plant with compact habit. Rose-pink flowers have a white area deep in the throat of the bloom. Pkt. 50c.

RED SATIN—A.A.W. '57. F-1 hybrid multiflora plants that attain a 10" to 12" globe-shaped form and maintain that size through the season. The scarlet-red flowers do not fade from heat and sunshine. Pkt. 50c.

RUFFLED DOUBLE GIANTS—Only a portion come double, but are well worth while. Those plants showing the weakest vitality in starting make the best flowers. Pkt. 40c.

SCARLET LUSTRE—F-1 hybrid grandiflora type plant, growing 1' tall, spreading 2' across, with 3 1/2" brilliant scarlet red flowers. Pkt. 50c.

TANGO—Bright, deep scarlet-salmon. Flowers 3 1/2" to 4", beautifully fringed. Plants are strong growing and extremely free blooming, 12" to 15" high with spread of 2'. Pkt. 50c.

THEODOSIA—Rose-pink with a clearly defined yellow throat veined purplish black; a fine fringed Petunia. Pkt. 25c.

BALCONY MIXED—Pkt. 15c.

ROSE OF HEAVEN—Brilliant rose. Pkt. 15c.

ROSY MORN—Rose, white throat. Pkt. 15c.

SINGLE SPECIAL MIXED—Pkt. 15c.

Rudbeckia

MY JOY—Large daisy-like, orange-yellow flowers with a small dark centered cone, height about 2'. An excellent cut flower. Pkt. 30c.



New Never Before Marigolds. Page 28.

Rhodanthe (Everlasting)

MIXED—Attractive strawflower, with small double daisy-like, pink and white flowers. Pkt. 25c.

Salpiglossis

Plant in open in May.

DWARF GIANT FLOWERING MIXTURE—Average 18" to 20" tall; compact branching habit. Showy, trumpet shaped blooms in rich color tones and velvety texture. Pkt. 15c.

LARGE FLOWERING—MIXED. Pkt. 15c.

Salvia (Flowering Sage)

Sow indoors in February, plant in May.

BLAZE OF FIRE—Extra early strain, 14" to 16" high, bright scarlet flowers. Pkt. 25c.

BONFIRE—Dark green foliage; erect, globular growth with scarlet-red flowers. Pkt. 25c; 1/8 oz. 85c; 1/4 oz. \$1.50.

FIREBALL—Extra early, dwarf 10" high, bright red flowers, base-branching plants. Pkt. 25c

SPLENDENS—Bright scarlet, 3'. Pkt. 20c; 1/8 oz. 75c; 1/4 oz. \$1.35.

ZURICH—Early, dwarf, compact 12" plants with scarlet-red flowers. Pkt. 25c.

Sanvitalia* (Creeping Zinnia)

Golden yellow with dark purple centers. Blooms June until frost. Pkt. 20c.

Scabiosa (Morning Bride)

Sow outside after danger of frost. Prices unless noted: Pkt. 20c.

IMPERIAL GIANTS, CORAL MOON—Large ball-shaped flowers. Salmon-pink shades.

IMPERIAL GIANTS, BLUE MOON—Double bee-shaped flowers. Lavender-blue, 4'.

LARGE FLOWEDED DOUBLE MIXED.

Schizanthus (Butterfly)

ANGEL WINGS—(New) Plants are compact, dwarf and uniform, with abundance of bright flowers with gold centers. Pkt. 30c.

Sensitive Plant

MIMOSA PUDICA—Curious foliage plant with fern-like leaves that close up if touched or shaken. Flowers like pink fluffy balls. Pkt. 25c.

Snapdragon

For early flowers sow in the fall, setting out in the spring, or grow the plants in spring in hot beds. **Prices, unless noted: Pkt. 20c.**

MARDI GRAS—This F-2 hybrid mixture is early, extremely vigorous and uniform in plant habit. The florets are closely placed on long spikes. Wide range of colors. **Pkt. 25c.**

FLORADEALE ROSE—Long, tapering spikes covered with bright rose-pink flowers with a soft yellow blotch on the palate. **Pkt. 25c.**

TOM THUMB—Dwarf, compact, 8" plants, completely covered with very big flowers of exceptionally blazing colors. **MIXED. Pkt. 25c.**

(**Rust Proof Maximum Type**)

ALASKA—Large pure white.

APPLE BLOSSOM—Soft rose-pink, white tube.

CAMPFIRE—Bright scarlet with yellow lip.

COPPER QUEEN—Burnished copper.

LOVELINESS—Pure soft rose-pink.

RED CROSS—Deep crimson with white tube.

VELVET GIANT—Crimson with velvet texture, and orange undertones under the crimson.

YELLOW GIANT—Canary yellow, white tube.

MAXIMUM MIXED—Giants, closely set on tall spikes. **Pkt. 20c; $\frac{1}{16}$ oz. 45c.**

BLACK PRINCE (Not Resistant)—Nearly black, small dark leaves. **Pkt. 20c.**

GIANT SKYSCRAPER SNAPDRAGON

MIXED COLORS—The tallest. Glorious blend of pastel shades. **Pkt. 25c.**

TETRA SNAPDRAGONS

Giant Ruffled Tetraploid

The finest snapdragon available for either cutting or bedding. Their tetraploid blood strains produce long tapering spikes with evenly spaced ruffled flowers. **Prices unless noted: Pkt. 25c.**

CRIMSON—Deep velvety crimson.

PINK SHADES—Pink to light rose.

SUNSET HYBRIDS—Bronze to primrose.

WHITE—Paper white.

YELLOW—Golden yellow.

TETRA MIXED—A good mixture.

DOUBLE SNAPDRAGON

FLORADEALE—A clear, soft Dresden yellow. On the unopened buds there is a pale rosy blush which disappears as they open. Flowers are fully double, with many open at one time, and closely placed on strong, stiff spikes. 2½". **Pkt. 35c.**

Statice (Everlasting)

ANNUAL MIXED—Pkt. 20c.

SUWOROWI or RUSSIAN RAT TAIL—Interesting and artistic, slender spikes of rose-pink. May be grown in green house or garden. 30" high. **Pkt. 20c.**

STOCKS

Prices, unless noted: Pkt. 15c.

BEAUTY OF NICE MIXED—Quick growing, early and continuous blooming. Double flowers in many pastel shades.

IMPROVED LARGE FLOWERING TEN WEEKS—Dwarf, compact, branching, fine for bedding. Height 12". **MIXED. Pkt. 20c.**

DOUBLE EARLY GIANT IMPERIAL

(Imperial Bismarck) — Height 25"

ELK'S PRIDE—Royal purple. **Pkt. 20c.**

GOLDEN ROSE—Light golden rose. **Pkt. 20c.**

SANTA MARIA—Giant white. **Pkt. 20c.**

GIANT IMPERIAL MIXED—Pkt. 20c.

CUT AND COME AGAIN STOCKS

(Double Perpetual Branching) — 20"

BRILLIANT—Blood red. **Pkt. 20c.**

SNOWDRIFT—Pure white. **Pkt. 20c.**

GIANT PERPETUAL MIXED—Pkt. 20c.

MARKET GARDENERS ATTENTION

We supply vegetable seeds to thousands of Market Gardeners all over the United States and Canada. Try our seeds.

Stocks (Double Giant Column)

Easily grown from seed. Spikes 2' to 2½', fully double, close spaced flowers. Strictly non-branching; especially valuable for florists. **Each kind, Giant Column, Pkt. 25c.**

CHAMOIS PINK—Rosy buff.

BALL DEEP APRICOT—Creamy buff.

PACIFIC PINK—True pink.

BALL'S PURPLE NO. 21—Deep purple.

BALL WHITE IMPROVED—The best white.

DOUBLE GIANT COLUMN MIXED.

NEW STOCKS

TRYSMIC GIANT IMPERIAL—This new stock will produce 85% or more double flowers, sown from seed. Bright rose, canary yellow, fiery red, navy blue, white and mixed. **Each, Pkt. 25c.**

TRYSMIC SEVEN WEEK MIXED—Early, dwarf double plants, first throw a central spike of bloom, followed by numerous side branches, forming attractive 12" to 15" plants. **Pkt. 25c.**

Sunflower

CHRYSANTHEMUM—Double, golden yellow; immense blooms on strong, tall stalks. **Pkt. 20c.**

COLOR FASHION—New mixture of excelsior hybrid type and size. 4-6" flowers. **Pkt. 30c.**

Sweet William

WEE WILLIE—Compact plant, about 4"-6" high and 4" across, with shades of red, single flowers. Excellent annual edging plant. **Pkt. 25c.**

Thunbergia (Black Eyed Susan)

FINEST MIXED—Rapid climber, preferring a warm place; useful for hanging baskets, vases, fences. A good mixture. 5'. **Pkt. 15c.**

Tithonia (Mexican Sunflower)

TORCH—Easily grown, thrives on hot weather. Orange-red, a good cut flower that blooms from August until frost. **Pkt. 20c.**

Verbenas

Hybrida Grandiflora Strain—PRICES: Unless noted: Each Pkt. 20c.

LUCIFER—Brilliant scarlet self.

SUTTON'S BLUE—Deep royal blue.

EXQUISITE MIXED—A good mixture.

CRYSTAL—Pure white flowers on neat, dwarf, tightly formed 10" plants, 12" wide. **Pkt. 25c.**

SPARKLE—Bright, scarlet red flowers, with gleaming white eye on 9" plants. Blooms are in clusters of 12 to 15 per plant so tightly arranged that the effect is a solid mass. **Pkt. 25c.**

SPARKLE MIXED—Dwarf, compact 10" plant completely covered with giant sized florets throughout the entire season. **Pkt. 25c.**

DELIGHT—Coral pink suffused salmon flowers on dwarf, compact plants reaching a height of 5"-6", with a spread of 18". **Pkt. 25c.**

DWARF UPRIGHT RAINBOW MIXED—A lively blend of colors. A large share of the blooms have a large eye of a contrasting color. **Pkt. 25c.**

Virginia Stocks

DWARF MIXED—Plants 6" to 8" tall, excellent for borders. Very fragrant. **Pkt. 15c.**

Viscaria

BRILLIANT MIXED—Small single flowers on 12" plants. Blooming all summer. **Pkt. 15c.**

Wallflower

DOUBLE EARLY WONDER MIXED—Blooms in 90 days. **Pkt. 20c.**

Wild Flower Garden

A mixture of many wild flower seeds which give splendid results on banks and roadsides. This mixture contains annual and perennial flowers of easy culture. **Pkt. 15c; $\frac{1}{2}$ oz. 55c; oz. \$1.00.**

ZINNIAS

These have been greatly improved and the new sorts are very popular. Blooms 5" to 6" across are very common. Best results are obtained by planting where you wish them to grow. This is far better than transplanting, except for early blooms. Plant seed outdoors May 1 to June 15.

ELEGANS PUMILA—This type is between the Giants and Lilliputs in size. Double flowers highly prized for cutting, borders and massing in the garden. **MIXED**. Pkt. 15c; $\frac{1}{8}$ oz. 45c.

LUTHER BURBANK—A blend of pastel or art shades, also two and three-color combinations. Flowers are deep, 5" to 5½" across and composed of numerous petals curled under at the ends. Plants are strong, 3' to 4' tall. **Pkt. 25c.**

MERRY GO ROUND—A completely new class of Zinnia. The bicolor flowers are 3-4" on dwarf, bushy 1-1½' plants. The petals are frequently arranged in a spiral-like manner. **Pkt. 35c.**

ORTHO POLKA—This is a big peppermint stick, with flowers double the size of the regular peppermint stick and the plants are much larger and more vigorous. A fine mixture. **Pkt. 25c.**

PEPPERMINT STICK—Medium-sized, Pumila type flowers on robust plants. Flower is striped in various color combinations. **Pkt. 25c.**

PERSIAN CARPET—Like tiny dahlias, the variegated flowers are each the size of a dollar. Ideal for garden edging; dwarf plants bloom early and grow into tidy 15" brilliant mounds. **Pkt. 25c.**

CREEPING ZINNIA—See Sanvitalia, page 37.

GIANT CACTUS ZINNIAS

This type has various petal formations, some are the informal fluffy or ruffled type, some curled, others gracefully quilled. The feathery, loosely arranged petals give airy appearance, free of the stiffness often noted with other zinnias. **PRICES**—Unless noted: **Pkt. 25c.**

BLAZE—Mandarin-red toned scarlet orange.

BURPEE GOLD—Golden yellow.

FLORALADE SCARLET—Scarlet red.

KISMET—Persian red.

PRIDE OF DIELDRIN—Bicolor with golden orange.

RIVERSIDE BEAUTY—Azalea-pink.

BURPEE HYBRIDS MIXED—All colors.

MAMMOTH DAHLIA ZINNIAS

Improved double Zinnias, gigantic size.

PRICES: Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c.

CANARY BIRD—Rich canary yellow.

CRIMSON MONARCH—Largest red.

DREAM—Lavender turning to mellow purple.

ELDORADO—Large salmon apricot.

EXQUISITE—Light rose with deep rose center.

LUMINOSA—Bright deep pink.

METEOR—Rich, glowing red.

ORIOLE—Beautiful orange and gold bicolor.

POLAR BEAR—Large creamy white.

WILL ROGERS—Deep scarlet.

MAMMOTH DAHLIA MIXED.

California Giant Type

This type has rare and striking colors.

PRICES: Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c.

CHERRY QUEEN—Cerise rose.

DAFFODIL IMPROVED—Canary yellow.

GRENADEIER—Bright red.

MISS WILMOTT—Giant, soft pink.

PURITY—Giant pure white.

ROSE QUEEN—Warm deep rose.

VIOLET QUEEN—Deep purple.

CALIFORNIA GIANT MIXED.

Fantasy Type Zinnias

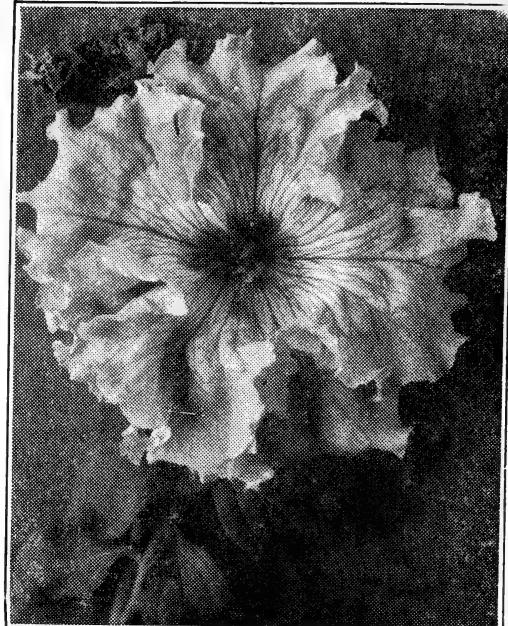
Shaggy, medium sized double flowers.

WILDFIRE—Dazzling scarlet. **Pkt. 15c.**

WHITE LIGHT—Pure white. **Pkt. 15c.**

STAR DUST—Golden yellow. **Pkt. 15c.**

FANTASY MIXED—**Pkt. 15c.**



Petunia, California Giants. Page 30.

Bedding Zinnias

PRICES—Unless noted: **Pkt. Each, 15c.**

SCABIOSA FLOWERED MIXED — Medium sized, resembling Scabiosa.

GAILLARDIA FLOWERED MIXED (Navajo) — Two toned with a deeper color in center.

LINEARIS—Dwarf. Single, orange with yellow stripe and dark center.

LILLIPUT TOM THUMB—This mixture is the most dwarf Zinnia known. Fine for borders.

LILLIPUT DOUBLE—Miniature flowers about the size of a daisy; excellent for borders. **Crimson Gem, Rosebud, Salmon Rose, and Mixed**. **Pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. \$1.00.**

Zinnia Collection No. 7

This is your chance to try several types in one collection. **7 Pkt.**, worth **\$1.05**, for **70c. Postpaid.**

Regular Price

ELEGANS PUMILA, Mixed	.15
FANTASY TYPE, Mixed	.15
GAILLARDIA FLOWERED, Mixed	.15
CALIFORNIA GIANT, Mixed	.15
LILLIPUT DOUBLE, Mixed	.15
LINEARIS	.15
SCABIOSA FLOWERED, Mixed	.15

\$1.05

FLOWER SEEDS

We have a very complete flower seed list. Annuals and Perennials are listed separately.

Annual Flower Seeds begin Page 25.

Perennial Flower Seeds begin Page 34.

We publish a special price list for Commercial Florists, which may be had upon request. Please give your license number.

GIFT CERTIFICATES

These certificates are available in any amount desired for orders on merchandise listed in this catalog. When used for gifts they are very satisfactory since the recipient can select their choice of items. Send us the amount you wish and we will mail the gift certificate promptly.

SPENCER SWEET PEAS

WE OFFER THE LARGEST SELECTION OF SWEET PEAS IN THE NORTHWEST

All Sweet Pea Seeds Treated With ROOTONE

Their easy culture, freedom of bloom, artistic appearance and delightful fragrance, combined with their splendid cut-flower qualities make them one of the most desirable flowers for the public.

Spring sowings should be made as early in the spring as soil conditions permit. In the coast region they can often be planted in February. They can also be planted in November and they will bloom very early in the spring; often by Decoration Day. Ask for culture bulletin.

Cuthbertson Floribunda

This new race of heat resistant Sweet Peas is also outstanding for vigor and extra large flowers on long, strong stems with five or more large florets per stem. Very valuable for all conditions especially those places where sweet peas are difficult to grow.

PRICES: Unless noted are uniformly: **Pkt. 15c;**
1/2 oz. 40c; oz. 70c; 1/4 lb. \$2.10; lb. \$5.90.

ANN—Bright carmine rose.

DAISY—Black seeded white.

DAVID—Bright rose crimson.

EILEEN—Coral pink.

EVELYN—Salmon cream pink.

FLORA—Rose carmine.

FRANK G.—Rosy lavender.

KENNETH—Rich oxblood crimson.

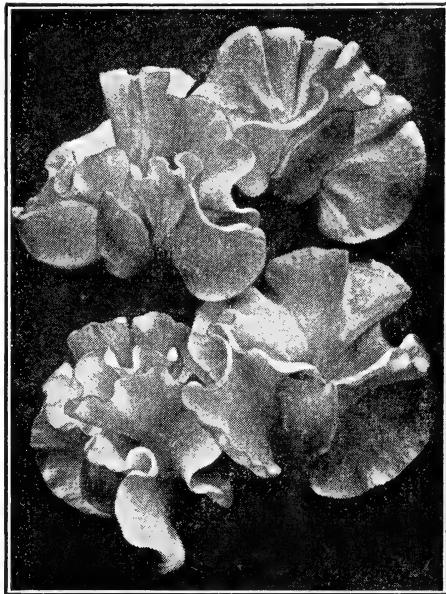
LIZA—Maroon.

LOIS—Rose pink.

ROBERT—Mid-blue.

WILLIAM—Picotee rose pink on white.

MIXED—A glorious mixture.



Ruffled Spencer Sweet Peas. This page.

Giant Flowering Spencer

PRICES: Unless noted are uniformly: **Pkt. 15c;**
oz. 40c; 1/4 lb. \$1.20; lb. \$4.50.

FAIRY PRINCESS—Flesh pink shaded salmon.

FLAMINGO—Orange scarlet.

GIGANTIC—Pure white.

GLENNEAGLES—Silver blue.

LADY GAY—Salmon cerise.

MASTERCREAM—Large cream.

MISS CALIFORNIA—Salmon pink.

MONTY—Rich pink on white.

PEACE—Golden coral; cream background.

PINKIE—Large rose pink.

POWERSCOURT—Mammoth lavender.

RED BOY—Rich Crimson.

SWEET AFTON—Deep silvery pink.

WARRIOR—Deep maroon.

WELCOME—Brilliant scarlet.

WINDSOR BLUE—Clear mid-blue.

Early Flowering Spencer

Two weeks ahead of the regular Spencer. Valuable for green house forcing or outside.

Prices, unless noted, are uniformly: **Pkt. 15c;**
1/2 oz. 35c; oz. 65c; 1/4 lb. \$1.85; lb. \$6.50.

FRAGRANCE—Clear lavender self.

GARDENIA—Dense paper white.

SHIRLEY TEMPLE—Soft rose pink.

SUSANNA—Deep crimson.

EARLY SUPER MIXED—A very fine mixture.
Pkt. 15c; oz. 40c; 1/4 lb. \$1.25; lb. \$4.25.

Giant Ruffled Spencer

Flowers duplexed, heavily ruffled and frilled.

Prices, unless noted, are uniformly: **Pkt. 15c;**
1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.80.

RUFFLED BLUE—Large clear blue.

BONNIE RUFFLES—Salmon pink on cream.

RUFFLED CRIMSON—Rich crimson.

FLUFFY RUFFLES—Cream pink on cream.

RUFFLED ROSE—Rich rose.

RUFFLED WHITE—Good white.

RUFFLED MIXED—Excellent mixture.

RUFFLED SWEET PEA COLLECTION No. 9

Six packets, our selection, different colors.
Worth 90c; sent Postpaid for 60c.

Mixed Sweet Peas

ZVOLANEK'S MULTI-FLORA MIXED—All have long stems with many flowers on a stem.
Pkt. 20c; 1/2 oz. \$1.00.

SHOW GROUND MIXTURE—A remarkable mixture, of new and standard named Spencers.
Pkt. 15c; oz. 35c; 1/4 lb. 95c; lb. \$3.25.

PROGRESSIVE MIXED—A splendid assortment of colors, both light and heavy shades.
Pkt. 15c; oz. 30c; 1/4 lb. 90c; lb. \$2.55.

BUTTERFLY HYBRIDS—A striking blend of striped colors in a number of attractive combinations. Large blooms on good stems.
Pkt. 15c.

LITTLE SWEET HEART MIXED (New Dwarf)—Plants grow upright and form a rounded bush about 8" high.
Pkt. 25c; 1/2 oz. \$1.10.

HOME BEAUTIFUL SWEET PEAS No. 10

Ten regular sized packets of Spencer Sweet Peas, priced at 15c, **our selection** of varieties, all different, worth \$1.50, sent postpaid for \$1.00. Five packets, postpaid for 55c. These will be a good range of color.

CUTHBERTSON FLORIBUNDA SWEET PEA COLLECTION No. 8

Six packets, **our selection**, different colors. Worth 90c; sent Postpaid for 65c; 12 pkts., including 1 pkt. each of 12 named varieties listed at 15c per pkt., for \$1.10. Postpaid.

PRIZES FOR EARLY ORDERS Read our Special Offers, Page 4.

PERENNIAL FLOWER SEED

Perennial Flowers are the permanent ones, which live for many years. These plants bloom every year and die down again to the roots. They remain alive but are dormant until the next season. Some perennials bloom the first year from seed if sown early, and germination is better than those sown during the summer heat. The larger plants will also winter over better. Two seasons are usually required before they make full bloom. Ask for bulletin on perennials from seed. For Annual Flowers see page 30.

Agapanthus (Lily of the Nile)

Large umbels containing 100 up to 150 buds and blooms all at once, blooming in July and August. Foliage resembles that of the amaryllis and the flower stems stand as high as 4'. **Blue. Pkt. 30c.**

Aconitum (Monkshood)

NAPELLUS—Spikes of curious shaped blue flowers. **Pkt. 20c.**

African Violet

AVALON BLEND—An excellent mixture of many named sorts in many colors. **Pkt. 75c.**

Alyssum (Basket of Gold)

SAXATILE COMPACTUM—Grows 1' high and makes a mass of small yellow flowers in May. Easy to grow. **Pkt. 20c.**

Anchusa

DROPMORE VARIETY—Rich gentian blue flowers in drooping sprays. Does well in dry areas with partial shade. **Pkt. 20c.**

Anemone

ST. BRIGID—Good range of colors in single, semi-double and double. **Pkt. 20c.**

Anthemis (Marguerite)

SANCTA JOHANNIS—Brilliant yellow flowers about 1 1/2", borne singly on straight stiff leafless 9"-12" stems. Good cut flowers. **Pkt. 25c.**

Arabis (Rock Cress)

ALPINA—A mass of white flowers very early in the spring. **Pkt. 20c.**

SPRING CHARM—Compact bushy plants 8" high, with intense carmine flowers. **Pkt. 25c.**

Armeria

FORMOSA HYBRIDS—For rockeries and borders. Compact plant with clover flowers in pink shades. **Pkt. 20c.**

Astilbe

Exquisite feathery flower plumes, for garden or forcing in pots. **MIXED. Pkt. 25c.**

Asparagus

PLUMOSUS—Fine greens for bouquets. Fern-like foliage, tender perennial, sow in pots. **Pkt. 20c.**

SPRENGERI—For mixing in bouquets. **Pkt. 20c.**

Hardy Asters (Michaelmas Daisy)

PERENNIAL MIXED—These hardy fall flowers are very popular. **Pkt. 25c.**

Aubrieta (Rainbow Rock Cress)

LARGE FLOWERING HYBRIDS—Colorful rockery and border plants. Sow in June. Masses of exquisite blooms. **MIXED. Pkt. 25c.**

Tuberous Begonias

DOUBLE ROSEFORM MIXED—One of the best strains. Flowers 5" to 8" in diameter; resembles roses, although some will still resemble the Double Camellia. Very small seed. **Pkt. 95c.**

DOUBLE HANGING MIXED—A good hanging habit; masses of medium blooms. **Pkt. 95c.**

Begonia (Fibrous)

LUMINOSA COMPACTA—Dwarf; free flowering; scarlet red. **Pkt. 50c.**

SNOWBANK—Large glistening white flowers on dense growing, uniform plants. **Pkt. 50c.**

Cactus Seed

MIXED—Many varieties. **Pkt. 25c.**

Candytuft (Iberis)

SEMPERVIRENS—White flowers, for bedding or borders. Thrives in all sections. Blooms in late May. **Pkt. 25c.**

TENONEANA—Neat, compact plants, with delicate pink flowers. **Pkt. 30c.**

Canna

MIXED—Can be successfully grown from seed if planted early. Pour boiling water over the seed, take them out after 24 hours and sow at once in sand or plant in a hot bed. Give some bottom heat and cover 1/4" to 1/2". The seed germinates irregularly in two to four weeks. **Pkt. 25c.**

Centaurea (Dusty Miller)

CANDIDISSIMA—Thick silvery white leaves. Should be sown early. **Pkt. 20c.**

Canterbury Bells

Plant in frame in early spring, or outdoors, about June 1st. Cover seed lightly; cover with papers until seed germinates.

CUP and SAUCER BELLS, bi—The largest type, with cup and saucer-like flowers. **Dark blue, pink, white and MIXED. Pkt. 15c.**

SINGLE MIXED, bi—Bell-shaped. **Pkt. 15c.**

PEACH BELLS, (Persicifolia) DOUBLE MIXED—Bell-shaped blooms on tall spikes. A good proportion of the blossoms will come partly or fully double. **Pkt. 20c.**

Carnation

Perennial, blooming the first season.

CHABAUD'S GIANT DOUBLE IMPROVED—**ROSE PINK, SCARLET, YELLOW AND MIXED. Pkt. each, 20c.**

FANTASY MIXED—These are the Chabaud's type, with striped and variegated flowers. **Pkt. 20c.**

FLORIST MIXTURE—Mixed from florist sorts. Can be used inside or out. **Pkt. 35c.**

ENGLISH GIANT MIXED—A complete mixture of colors, including the most rare shades yet offered gardeners. Blooms surpassed in size only by the greenhouse type and if disbudded will closely approach that size. **Pkt. 35c.**

Cerastium (Snow in Summer)

TOMENTOSUM—Dwarf with silvery foliage and small white flowers. **Pkt. 20c.**

Chrysanthemums

KOREAN HYBRIDS—Single, semi-double and double flowers in a wide range of colors. Bloom in September until frost. Will bloom the first year if sown early. 2' to 2 1/2'. **Pkt. 35c.**

JAPONICUM MIXED—In this you will get all types, such as the Spider type, medium sized pompon, incurved flowers. Many colors. **Pkt. 75c.**

Cineraria (Biennial)

HYBRIDA GRANDIFLORA DWARF (Nana) MIXED—Beautiful greenhouse, or indoor flower, easily grown from seed. **Pkt. 35c.**

Clematis

LARGE FLOWERED BLEND—A colorful vine with large, showy flowers. Should be planted so the roots will be in the shade. Plant in the early Spring while soil is cool. **Pkt. 45c.**

Cyclamen

GIANT MIXED—A splendid mixture of brilliant and soft shades, grown from a highly selected strain. It requires 16 to 18 months to produce blooming plants from seed. **Pkt. (10 seeds) 35c.**

NEAPOLITANUM—This winter-hardy cyclamen for outdoor planting, yields in Autumn a profusion of blossoms, growing in a shady place. If planted in the Spring, the seed should be chilled in the refrigerator, not the freezing compartment, for 3 days before planting. **Pkt. (10 seeds) 35c.**

Columbine (Aquilegia)

They succeed best in partial shade and light, fairly rich, well drained soil. Start inside or in open and transplant.

McKANA GIANT HYBRIDS—Large, showy flowers, 3" to 4½" across with long 3" spurs. These flowers are more widely flared than other types. Strong, free-blooming plants 20-26" high. Excellent range of colors. **Pkt. 50c.**

BLUE SHADES—Long spurred. Vary from light blue, mid-blue, deep blue to the darkest purple. **Pkt. 25c.**

PINK SHADES—Long spurred. Sepals and spurs are a beautiful shade of soft pink in contrast to the cream-colored corolla. **Pkt. 25c.**

MRS. SCOTT ELLIOTT LONG SPURRED HYBRIDS—Best mixture. **Pkt. 20c.**

Coreopsis

DOUBLE SUNBURST—Deep golden yellow. Excellent cut flowers. **Pkt. 20c.**

Dahlia Seed

Starts like Asters, transplanting May 1st - 20th.

UNWIN'S DWARF HYBRIDS MIXED—Minature double and semi-double flowers on dwarf bushy plants. **Pkt. 25c.**

CHOICE MIXED—A mixture of many colors in different types. **Pkt. 25c.**

MIGNON MIXED—Dwarf single; suited for bedding and cutting. A special selection grown in Oregon. **Pkt. 20c.**

DECORATIVE MIXED—**Pkt. 25c.**

DOUBLE CACTUS—Good mixture. **Pkt. 40c.**

The Dahlias listed below are Special Selections from named varieties:

LARGE F. D. MIXED—**Pkt. (10 seeds), 50c.**

MED. CACTUS MIXED—**Pkt. (10 seeds), 50c.**

POMPON MIXED—**Pkt. (15 seeds), 35c.**

Delphinium

(Perennial Larkspur)

DWARF FINEST MIXED—An excellent mixture for borders and rock gardens. **Pkt. 25c.**

IMPROVED BELLADONNA (Special Strain)—Light blue, large single flowers. **Pkt. 25c.**

IMPROVED BELLAMOSUM (Special Strain)—Deep blue. Single, blooms 2½" across. **Pkt. 25c.**

THE NEW PACIFIC GIANTS

An outstanding strain originated on the Pacific Coast. Comparatively mildew resistant, nearly 100% double. **Prices: Unless noted: Pkt. 35c.**

ASTOLOT SERIES—Pale blush, through lilac pink, to raspberry rose; brown, fawn and black bees. **Pkt. 50c.**

BLACK KNIGHT—Dark blue.

BLUE JAY—Clear medium blue, black bee.

GALAHAD SERIES—Giant glistening white.

GUINEVERE SERIES—Light pinkish lavender self, white bee.

KING ARTHUR SERIES—Violet, white bee.

SUMMER SKIES SERIES—Clear, light blue, white bee.

PACIFIC GIANTS MIXED—Splendid blend.

Dianthus, Pinks

DOUBLE DWARF CLOVE PINK MIXED—Early, compact, spicy clove scented. Many will bloom first year if planted early. **Pkt. 25c.**

Dictamnus (Gas Plant)

FRAXINELLA—This bushy plant with attractive flower spikes blooms with the bearded Iris. Germinates slowly, taking about 50-60 days. Plant in the fall. The plants should not be moved after they are established. **Pkt. 25c.**

Digitalis, Foxglove

GLOXINIAFLORA MIXED bi.—**Pkt. 15c.**

SHIRLEY MIXED—Immense. **Pkt. 15c.**

EXCELSIOR HYBRIDS—Florets of this strain are carried all around the stem either horizontal or nearly erect. Strong heavily laden spikes 5'-6' high. Excellent mixture. **Pkt. 25c.**

Double Daisy, Bellis or English

MONSTROSA MIXED—This giant type far excels the older varieties; flowers are larger, more fully double. **Pkt. 20c.**

MONSTROSA RED, Rose or white. **Pkt. 25c.**

Echinops (Globe Thistle)

RITRO—Metallic blue flower heads 1½"-2" across on 2-3' plants. These can be dried for winter bouquets. **Pkt. 20c.**

Eremurus (Foxtail Lily)

Stout flower stalk sometimes 8 ft., clothed from half its length with close-set starry blooms which last for several weeks. Foliage appears quite early in spring and must be protected against frosts. Seed should be frozen before planting, or planted in late fall or early spring. **Pkt. (20 seeds) 25c.**

Erigeron

SPECIOSUS—Daisy-like blue blooms with small centers and long, narrow petals. **Pkt. 20c.**

Forget-Me-Not, Myosotis

ALPESTRIS BLUE, bi—Compact, upright growing. Easily grown. **Pkt. 20c.**

ALPESTRIS ROSE, bi—Dwarf, compact plants, with rose-pink flowers. **Pkt. 20c.**

INDIGO BLUE, bi—Compact, deep blue, 6". **Pkt. 20c.**

EVERBLOOMING, bi—True Marsh Forget-Me-Not, blue. **Pkt. 20c.**

Fuchsia

MIXED—Fine selection of double and single types. **Pkt. (25 seeds) 40c.**

Gaillardia

DAZZLER—Gold and maroon red. **Pkt. 20c.**

PORTOLA HYBRIDS—Bronzy red, gold-tipped. **Pkt. 20c.**

Gentian

ACAU LIS—Blue gentian of the Alps. Good rock-garden flower; 4" to 7" tall. **Pkt. 25c.**

Geranium

LADY WASHINGTON—Large showy flowers with contrasting darker blotchings. Mixed. **Pkt. (15 seeds) 35c.**

SCENTED LEAF—The delightful fragrances of the leaves add beauty of form and foliage to the plants. **MIXED. Pkt. (15 seeds) 35c.**

ZONALE MIXED—A fine strain. Start indoors. Slow germinating and continue coming up for several weeks. **Pkt. 35c.**

BARGAINS FOR EARLY ORDERS
We offer special savings for early orders.

See Page 4.

Gerbera (Transvaal Daisy)

HYBRIDA GIANT, CALIFORNIA STRAIN
—Half hardy perennial. Large daisy-like blooms in many pastel shades on long stems. Sow seed singly, cover lightly, water sparingly in hot-bed. Prefers sun. **Pkt. (25 seeds) 25c.**

Geum

MRS. BRADSHAW—Semi-double flowers, 2" across, brilliant scarlet; fine cut flowers; easily grown. Blooms in June and July. **Pkt. 20c.**

LADY STRATHEDEN—Double yellow. **Pkt. 25c.**

Gloxinia

GIANT FLOWERED MIXED—Exceedingly showy; great, bell-like flowers in superb range of colorings and markings. **Pkt. 50c.**

Gynnerium (Pampass Grass)

ARGENTEUM—One of the finest and most showy of all grasses. Long silky white plumes are borne in late summer and last for a month. May be cut and dried for winter decoration. **Pkt. 35c.**

Gypsophila (Baby's Breath)

PACIFICA—These rose-colored flowers bloom first season from seed. **Pkt. 25c.**

PANICULATA—Single. **Pkt. 15c.**

PANICULATA DOUBLE—Mostly double white flowers. **Pkt. 25c.**

Helenium

AUTUMNALE MIXED—Showy 3'-4' plants, with yellow, thru old gold and coppery orange, to autumn brown and wallflower red flowers. **Pkt. 25c**

Helianthemum (Sun Rose)

MUTABILE—Mixed rock plant. **Pkt. 20c.**

Heliopsis

A fine display of double and semi-double yellow flowers, ideal for cutting. **Pkt. 25c.**

Heuchera (Coral Bells)

SANGUINEA SPLENDENS—18" high. Coral-red flowers, blooming in July and Aug. **Pkt. 25c.**

HYBRIDS—Flower sprays will vary from pink through rose and coral, to deep reds. **Pkt. 25c.**

Hibiscus

HYBRIDS MALLOW MARVEL MIX—Easily grown giant types; with flowers 3" to 5" in diameter. Blooms in September. **Pkt. 35c.**

Hollyhock

CHATER'S DOUBLE—Mixed. **Pkt. 20c.**
SINGLE MIXED—**Pkt. 15c.**

Incarvillea

GRANDIFLORA BREVIPES—Hardy on West Coast. Rose flowers on 2' stems. Blooms in June and July. Seeds may lie dormant for a year before they germinate. **Pkt. 20c.**

Iris

JAPANESE MIXED—Blooms in two years from seed. **Pkt. 35c.**

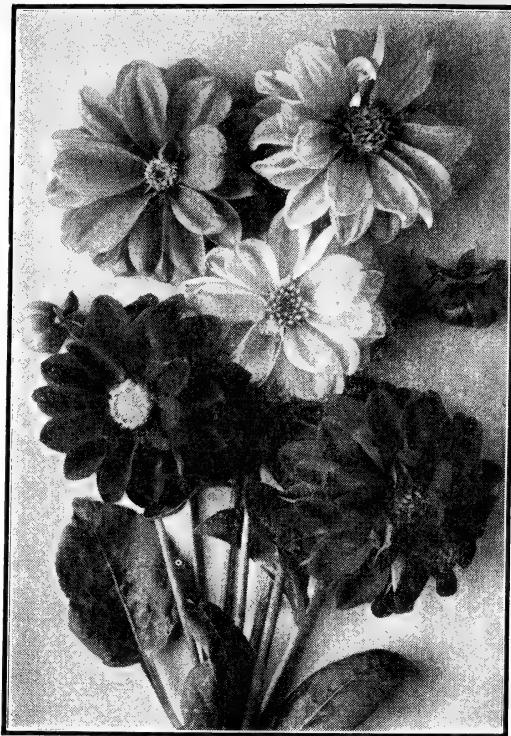
ENGLISH MIXED—Fine mixed. **Pkt. 35c.**

Iris, Spuria

MIXED—A stately garden plant with beautiful long lasting cut flowers. **Pkt. 35c.**

Jerusalem Cherry

A small plant whose scarlet and yellow fruit make it an attractive plant for the house. **Pkt. 25c.**



Unwin Dwarf Mixed, Page 35

Kudzu Vine

PUERARIA THUMBERGIANA—Rank growing, hardy climber. This purple-flowered vine covers trellis and fence rapidly. **Pkt. 35c.**

Lathyrus (Perennial Sweet Peas)

MIXED—Strong growing, hardy climber, easily started from seed. Fine for cutting. **Pkt. 15c.**

Lavender

VERA—Fragrant, blue-lavender flowers in July and August. The true perennial lavender. **Pkt. 25c.**

Liatris

SEPTEMBER GLORY—A giant 6' spike solidly covered with purple flowers from top to bottom. The flowers come into bloom all at the same time creating a marvelous effect. **Pkt. 25c.**

SCARIOSA ALBA—2½' spikes covered with white flowers from top to bottom. **Pkt. 25c.**

SPICIATA—Attractive 2' plants, with candle-like stems of rosy purple flowers. **Pkt. 25c.**

Lily

REGALE—Large, trumpet-shaped, sweet-scented flowers. Ivory white, tinged pink and purple, with yellow throat. Hardy. **Pkt. 20c; ¼ oz. 85c.**

Peruvian Lily (Alstromeria)

CHILENSIS MIXED—Gorgeous clusters of bright blossoms in pink and tones of rose or red, often with hint of orange, on long stems. Sow in late autumn or early winter in open beds; will germinate in the spring. If sown in the early spring, the seed should be chilled first. **Pkt. 25c.**

Linum (Flax)

BLUE FLAX—Graceful in rockeries and borders. Blue. 2'. **Pkt. 20c.**

FLORISTS FLOWER SEED

We specialize in flower seeds and bulbs for florists and commercial growers. Write for Florist List but state your license number. We make germination tests on our flower seeds.

Lunaria (Money Plant)

HONESTY, bi.—Silvery, translucent, oval seed pods, prized for winter bouquets. Will bloom the first year if sown early. Pkt. 20c.

Lupin Polyphyllus

Treat seeds with nitrogen. Chill before planting.

RUSSELL'S BLUE SEAL—Pkt. 25c.

LUPIN—Hardy plants with 3' spikes blooming May and June. MIXED. Pkt. 20c.

Lychnis (Jerusalem Cross)

CHALCEDONICA—Easily grown, blooms first year with flaming scarlet flower heads. 3'. Pkt. 20c.

MECONOPSIS (BLUE POPPY)

BETONICIFOLIA PRATENSE—An improved form of the well known and beautiful Himalayan Blue Poppy. The plant sends up half-a-dozen leafy stems 2-3' high with broad sea-green leaves; bearing freely, large four-petaled glorious sky-blue blooms with golden-yellow anthers. Does well in partial shade. Pkt. 30c.

Monarda

MIXED—Does well in shady locations, excellent for cutting; attracts humming-birds. Pkt. 25c.

Nierembergia

PURPLE ROBE—Dwarf, compact, free flowering. Maintains deep violet purple color. For edgings or rockeries. Pkt. 25c.

Oenothera (Evening Primrose)

The big, silky yellow blossoms unfold at dusk, remaining open until well into the next day. Plant in the early fall for best results. Pkt. 15c.

Oriental Poppies

Produce splendid cut flowers.

ORIENTAL—Large, orange scarlet, with black blotch on each petal. Pkt. 20c.

OREGON SUPREME MIXED—From the finest named sorts. Splendid mixture. Pkt. 25c.

Iceland Poppies

ICELAND SINGLE MIXED—Pkt. 20c.

Pansies

Sow early inside or outside in March or sow on raised beds in August for spring plants. Prices—Unless noted: Pkt. 25c.

BUTTERFLY HYBRIDS—A rainbow collection, abundantly ruffled, frilled, fluted, and marked with sun rays and blotches of butterfly sheen metallic jewel tones. Pkt. 50c.

COLOR CARNIVAL—Swiss type, with a magnificent color range. Flowers are exceedingly large, plants compact yet vigorous, all blooms are blottedched, giving a depth of color. Mixed. Pkt. 35c.

CORONATION GOLD—Clear yellow.

IMPROVED SEA BLUE—Best blue.

JUMBO MADAM STEELE—Giant purple.

GORGEIOUS RED—Velvety ruby red.

MOON MOTH—A beautiful white with the outstanding characteristic of Pay Dirt. Dark blue pencil markings radiate from center. Pkt. 50c.

PAY DIRT—The largest golden yellow ever produced. Blooms are golden yellow with dark ray. Resistant to summer heat. Pkt. 50c.

ROGLLI'S GIANTS (Originator's Seed)—An excellent range of color. Giant flowers on long sturdy stems. Compact plant. Pkt. 35c.

MASTER MIXED (Englemann's Strain)—Fine mixture of the giant type pansies.

JUMBO MIXED—Wonderful shades. Massive flowers on strong stems. Contains many red and bronze shades. Pkt. 35c.

OREGON GIANTS MIXED—Early, in a good range of color. Pkt. 20c.

Giant Winter Blooming Pansies

These are unusually hardy and bloom very early in spring and where winters are mild, bloom throughout the cold months.

ICE PANSY (Himelalis)—Mixed. Pkt. 25c.

Pentstemon

SENSATION MIXED—Gloxinia-like flowers on graceful 2' spikes. Half hardy, should be covered in winter. Pkt. 15c.

Hardy Phlox

BELTSVILLE BEAUTY—If autumn sown, will flower the following spring, and each spring following like the usual perennial form. The majority are quite large flowered with many stems of large umbels. To insure good germination, seed should be frozen before planting. Many gardeners freeze seed in an ice cube and plant cube. Pkt. 35c.

Physalis (Chinese Lantern)

FRANCHETI—Largely grown for its vividly colored scarlet-red, lantern-shaped fruits which when cut and dried, are widely used for winter bouquets. Does well in sunny locations. Pkt. 15c.

Physostegia

SUMMER SNOW—White spikes on wand-like stems, excellent for borders and cutting. Pkt. 35c.

Platycodon (Balloon Flower)

Showy bell or star-shaped blue, white and light pink flowers on slender stems. One of the finest perennials. Mixed. Pkt. 25c.

Primrose, Hardy

GIANT POLYANTHUS—Large, thick round clusters of orange, purple and crimson flowers. Extra fine colossal strain, Veris Mixed. Pkt. 35c.

POLYANTHUS LUTEA—Yellow. Pkt. 25c.

AURICULA MIXED—6" tall. Pkt. 25c.

JAPONICA MIXED—Large clusters of bright colors. The individual flowers are large. Pkt. 25c.

ACAUOLIS MIXED—Numerous slender short stems with one medium-sized flower on each stem, forming masses of blooms which literally cover the plants in spring about April. Pkt. 35c.

Pyrethrum (Painted Daisy)

ROBINSON'S GIANT HYBRIDS—Large, single daisy-like flowers. A good mixture. Very hardy and easy to grow. Pkt. 25c.

DOUBLE MIXED—Pkt. 35c.

Rock Garden Perennial

MIXED—Wonderful mixture made from choice rock garden perennials. Pkt. 25c.

Ranunculus

MAMMOTH DOUBLE MIXED—Compact plants. Double and semi-double flowers. Attractive in border in early summer. Seed requires from 3 to 6 weeks to germinate and soil must not be permitted to dry out. Pkt. 35c.

Salvia

AZUREA—Sky blue. Pkt. 25c.

Scabiosa (Caucasica)

HOUSE'S HYBRIDS—Excellent strain with large flowers in June to September. Lovely shades of dark blue to lavender on long stems. Pkt. 25c.

Sedums (Succulent)

DWARF HARDY—Good for rock garden, edging or terrace covering. Pkt. 25c.

Shasta Daisy

G. MARCONI (Re-selected)—Largest flowered and finest double strain. Long stemmed. **Pkt. 50c.**
GIANT DOUBLE WHITE—Large flowers that are like shaggy asters. Extra long stems. **Pkt. 35c.**
ALASKA—The popular evergreen, with single glistening, white flowers often 5" across. **Pkt. 20c.**
SHASTA DAISY MIXED—A good mixture, including some of the named single varieties. There may be a few doubles. **Pkt. 25c.**

Statice

CASPIA—Small lilac blooms on branched stems. 30". Everlasting flowers. **Pkt. 25c.**

Stokesia

CYANEA BLUE—Fine cut flowers; 2". **Pkt. 20c.**

Sweet William (Biennial)

NEWPORT PINK—Salmon rose. **Pkt. 20c.**
DWARF DOUBLE MIXED—**Pkt. 25c.**
SCARLET BEAUTY—Large clusters of deep scarlet. Very popular. Single. **Pkt. 20c.**
MAMMOTH MIXED—Gigantic single flowers in a great range of color. **Pkt. 20c.**
DOUBLE MIXED—Selected. **Pkt. 20c.**

Sweet Rocket

MIXED—3' tall, fragrant spikes of blooms for May cutting. **Pkt. 15c.**

Thalictrum (Meadow Rue)

DIPTEROCARPUM—Lilac-mauve with yellow anthers. 4' tall. **Pkt. 25c.**

Tigrida

MIXED (Mexican Shell Flower)—Large triangular shaped flowers in bright colors. **Pkt. 25c.**

Tunica

SAXIFRAGA—Tufted plant with light rose flowers. Used for rockeries or borders. **Pkt. 20c.**

Trollius (Globe Flower)

MIXED—The flowers are like large double buttercups of yellow and orange. Best to sow in fall as seed needs freezing to germinate. Seeds germinate very slowly and unevenly. **Pkt. 35c.**

Tritoma (Red Hot Poker)

PFITZER'S HYBRIDS—Easily grown. 4' to 5' tall. Brilliant shades including red. **Pkt. 20c.**

SUPER MIXTURE—A good mixture. Some seed saved from named varieties. **Pkt. 25c.**

Viola Cornuta (Tufted Pansies)

JERSEY GEM—Violet blue. **Pkt. 20c.**
ARKWRIGHT RUBY—Ruby crimson. **Pkt. 20c.**
LUTEA SPLENDENS—Yellow. **Pkt. 20c.**
CHANTREYLAND—Apricot. **Pkt. 20c.**
TUFTED PANSIES MIXED—**Pkt. 15c.**
JOHNNY-JUMP-UPS—Little "pansy" flowers, from late spring to late autumn. **Mixed. Pkt. 25c.**

Violets

ODORATA—The popular fragrant "English Violet." Pre-chill before planting. **Pkt. 35c.**

Wallflower

Half hardy, blooming in the spring. Easily grown from seed.

MAMMOTH DOUBLE MIXED—**Pkt. 20c.**

SIERIAN—12", bright orange. **Pkt. 20c.**

PERENNIAL SINGLE MIXED—Hardy biennial with giant single flowers. **Pkt. 20c.**

CARCO-X

Dip your gladiolus bulbs and dahlia tubers in Carco-X when cured in the fall and before planting. After dipping dry them off. See page 48.

SELECT GLADIOLUS

We may substitute, when necessary, and we always give equal or higher value when we do so. (If you do not want us to substitute, please state this on your order.)

Gladiolus bulbs should be planted 4 inches deep in good rich soil. Planting time March 1 to June 15th. Our bulletin on culture sent upon request and copy included with each order.

All-American Gladiolus

Prices: Postpaid. Each 35c; 3 for \$1.00; doz. \$3.45. These are all patented varieties.

JOYOUS—(Pl. Pat. Pend.) Velvet deep rose, large ruffled florets, 4½", 20 buds.

SPARKLER—(Pl. Pat. Pend.) Gay, happy blending yellow and bright red, very ruffled.

EMPEROR—(Pl. Pat. 1655) Distinctive royal purple, light throat. Robust, majestic tall spikes.

APPLEBLOSSOM—(Pl. Pat. 1517)—Delicate snowy white, cream in throat, flush of cool rose-pink at edge. 8-10 florets about 5" across, at once.

CARIBBEAN—(Pl. Pat. 1654) Distinctly ruffled blue-violet, richer deep violet throat, small cream spear. Opens 9-11 florets at once.

MAYTIME—(Pl. Pat. 1591) Ruffled deep, pure pink florets with large white throats; silky taffeta sheen to petals. Opens 8-10 florets, 5½ ft.

ROYAL STEWART—(Pl. Pat. 1339) Lightly ruffled florets, 5" across of clear red. Long flowerheads open 12 florets at once. Vigorous.

NEW and STANDARD VARIETIES

Prices, unless noted (where prices not listed): Postpaid. Each 15c; 3 for 35c; doz. \$1.25 (one variety only). 6 of one kind at dozen rate. If more than one variety is used on 6 bulb order, the higher price will be used. We supply large healthy bulbs, a few 1¼", mostly 1½" in diameter.

ACE OF SPADES—Tall, deep black red sheen; opens 6 florets.

AMBER GLORY—Deep amber yellow with strawberry throat mark. Opens 6-7 florets. **Each 20c 3 for 45c; doz. \$1.50.**

BADGER ROSE—Deep rose, light throat flecked red and white. **Each 35c; doz. \$3.50.**

BRIDAL ORCHID—Ruffled pastel lavender. **BURMA**—Huge ruffled old rose.

DUSK—White throat, old rose, salmon undertone. **Each 20c; 3 for 45c; doz. \$1.50.**

C. D. FORTNAM—Ruffled, blush pink. **ELIZABETH THE QUEEN**—Beautiful large clear ruffled lavender. Mid-season.

FIREBRAND—Bright red, thin white line on lower petal. Mid-season.

FLORENCE NIGHTINGALE—Best white. **FRANCESCA**—Pinkish lavender, 7-9 ruffled florets. **Each 20c; 3 for 55c; doz. \$1.65.**

GREEN ICE (New)—Green buds opening ruffled greenish cream. Best of greens. **Each \$1.00.**

GREENLIGHT—Ruffled greenish white. **GOLD BANK** (New)—Chartreuse yellow, ruffled and needlepointed. **Each 25c; doz. \$2.50.**

KATHY LEE—Beautiful lemon yellow. **MAD HATTER** (New)—Light rose fusing cream throat. **Each 25c; 3 for 60c; doz. \$2.30.**

MANCHU—Yellow, flushed pink, red blotches, semi-ruffled. **3 for 50c; doz. \$1.65.**

MODERN TIME—Light wine-rose, white lines. **MISS NEW YORK**—Darkest, huge, black maroon. **Each 20c; 3 for 50c; doz. \$1.55.**

POINSETTIA—Ruffled, clear spectrum red. **RED RADIANCE**—Brilliant clear bright red. Opens 8-10 florets. **3 for 40c; doz. \$1.35.**

REGINA—Huge light orange, apricot shadings; ruffled, needlepointed, heavy substance. Opens 7-8 florets. **Each 20c; 3 for 40c; doz. \$1.35.**

RIM ROCK—New, beautiful smokey rose, white throat. **Each \$1.00.**

RUFFLED EBONY—Black red; ruffled silken sheen. **Each 20c; 3 for 50c; doz. \$1.60.**

SAHARA SUN—(Jhem) Clear apricot, blushes of fluorescent pink; opens 8-9 large florets on tall wiry stems. Won highest award at Massachusetts Test Garden. Exclusively introduced by us. **Each 50c; doz. \$5.00.**

SILCHERIED—Deep pink, red blotch.

SNOW PRINCESS—Early creamy white.

SPIC AND SPAN—Large ruffled deep pink.

SWEET SIXTEEN—Sparkling pink.

STORMY WEATHER—Beautiful smokey rose, cream throat, 8-10 open on tall willowy spike.

THE RAJAH—Rich deep purple. Show winner.

TRIALS END—Deep lavender rose, creamy yellow throat. Truly beautiful.

TRUE LOVE—Large ruffled, clear shell pink.

WILD ROSE—Opens 7-8 florets, rose with cream throat, tall. **Each 25c; 3 for 60c; doz. \$2.30.**

UHU—One of the best smokies.

New Butterfly Gladiolus

We bring you outstanding varieties of the new butterfly type; becoming great favorites because of their bold coloring, accentuated by unusual throats and blotch markings. Florets are of extraordinary texture and fine substance, consistently opening 6-8 florets on long bud spikes. Only in your garden and home can you appreciate their true beauty. **Unless noted prices are Each 20c; 3 for 50c; doz. \$1.65.**

ARES—Early; amber-white, pink glow, and cherry blotch.

ALTICA—Ruffled, deep rosy-pink, beautiful yellow throat.

BOSTON—Best scarlet with orange cast.

CASSANDRA—Orange-red, yellow throat.

GYPSY LOVE—Brown-toned orange, vivid tangerine blotch. Popular.

ICE FOLLIES—Beautiful pure ruffled white. A florists' favorite. **Each 35c; doz. \$3.50.**

LITTLE DOLL—Blush white, violet blotch.

QUEEN'S PAGE—Creamy yellow with orange red blotch. **Each 45c; doz. \$4.50.**

MELODIE—Beautiful rose-pink, red blotch.

TOPOLINO (New)—Ruffled yellow, orange scarlet throat. **Each 40c; doz. \$4.00.**

VIVALDI—Orange, throat bronze brown.

GILL'S RELIABLE DAHLIAS

Dahlias show the approach of summer when starting to bloom, filling in the period when flowers are not at best. The fall frost determines the length of blooming period.

Dahlia orders will be filled during March (if weather permits), through April and May, but may be sent any time for booking, and will be filled in the rotation received. No dahlia orders will be filled after June 1st, except collections, which will be sent up to June 15th. **All Dahlia prices postpaid.** The rate for a dozen of one kind is 10 times the single rate. Six of one kind at the dozen rate.

We publish a bulletin telling how to care for dahlias. This is sent free to all if requested and a copy is included with each order of bulbs. See **dahlia collections on Inside Back Cover.**

When you receive your dahlia tubers open them very carefully so that the eyes on the tubers will not be injured. Keep them in a cool place, away from frost, until ready to plant. The dahlia tubers we offer are mostly grown in Oregon.

Cactus Dahlias

The true cactus type flowers are fully double, petals long, narrow, often (incurved 1) or twisted, with sharp, divided or fluted points.

BLACK BIRD—8" rich carmine to black. Erect flowers on candlelike stems. **Each \$1.10.**

DORIS DAY—5" deep red, 4 ft. bush; for cutting. **Each \$1.10.**

FAIRMAID—10" soft deep coral. Outstanding habit, long stems for cutting. **Each 75c.**

GOOD EARTH—10" pure pink, distinct white center. Long wire-like stems. **Each 75c.**

GRAF FOLKE BERNADOTTE—(I) 10" pure white. Long stems for cutting. **Each \$1.00.**

HOECK'S GLORIE—(I) 8" soft lavender, sport of Berger's Masterpiece. **Each \$1.25.**

HYLAS—6" soft coral rose. Florist. **Each 75c.**

MADAM CHAPRONE—6", lilac rose. Good cut flower on 5 foot bush. **Each 75c.**

Orchid Type Gladiolus

This fine new type has the distinction of resembling orchids in petal texture and coloring. Lacy edged petals. Flowers are small and medium size with from 3-4 open on the spike. Outstanding for corsages and arrangements. **Each 50c.**

ATHENA—Rose-lavender, gold stripe on lower petal.

FIMBRIATUS—Cream.

RED LACE—Clear medium red.

THE ORCHID—Light lavender.

Miniature Type Gladiolus

These "tiny tots" are especially fine for flower arrangers and corsage makers. Beautiful colors make them attractive for florists. **Prices, unless noted: 3 for 35c; doz. \$1.25.**

ATOM—Brilliant scarlet, silver edge.

BAMBI—Tawny chartreuse, orange-red throat. **Each 60c.**

BO PEEP—Salmon-buff. **3 for 50c; doz. \$1.65.**

BROWN ORCHID—Really brown, white edges. **Each 20c; 3 for 50c; doz. \$1.65.**

DAINTINESS—Ruffled white. Very outstanding. **Each 40c; doz. \$4.00.**

DAINTY MISS—Light pink, cream throat.

FALINE—Charming, slightly ruffled light yellow, deepening in throat. **Each 40c; doz. \$4.00.**

LITTLE SWEETHEART—Ruffled soft pink.

MARIONETTE—Ruffled yellow; pink edges, rose throat. **Each 25c; 3 for 60c; doz. \$2.00.**

PELLETIER D'OISY—Plain-petaled, recurved chartreuse flower with red throat, pepperings of red on lips. A "natural" for exotic arrangements. **Each 25c; 3 for 60c; doz. \$1.95.**

PETER PAN—Saucy dark orange-pink, deeper throat. Ht. 32" spikes, open 6".

RUBY—A pure dark red with no markings.

STATUETTE—Ruffled yellow with amazing inflorescence. Faint pencilling of lavender in throat.

TAMMMIE (New)—Ruffled miniature; pink shading to salmon with a blending light yellow throat. Ht. 32". Spikes open 6". Usually have two side shoots. **Each 60c; doz. \$6.00.**

MAD. EMILE NAGELS—(I) Lovely 8" lacy petals pink blending to white. **Each \$1.10.**

ORFEO—Early, 6" glistening purple. Excellent cut-flower. **Each 75c.**

PASTEL—6" richest pink. Choice stems, ideal keeper; medium bush, outstanding. **Each 75c.**

PIONEER—5" clear yellow, excellent for cutting. Long stems, 4 ft. bush. **Each 75c.**

SATAN—10" vivid scarlet with orange yellow at petal base. 5 ft. bush. Very popular. **Each 75c.**

SILVER WEDDING (New)—(I) 10" white. Medium to tall bush. Choice. **Each \$1.25.**

SOMERTON LAVENDER—8" clear soft lavender, medium bush. **Each 65c.**

VAL ST. LAMBERT (See Front Cover)—7" cream at base, heavily suffused and tipped deep pink. Petals lacinated; fine cut flower. **Each \$1.00.**

WM. BUCKLEY—(I) 6" delicate pink and cream. Fine for cutting and garden. **Each 75c.**

Formal Decorative Dahlias

This type has large double flowers, full to the centers. Broad, flat petals with broad points or rounded tips. They usually have long stems and bloom freely.

CLARIAM FOREVER—8" clear pink; fine robust, bush habit. **Each \$1.00**

CROYDON'S MASTERPIECE—12" giant, (without disbudding), Majolica orange, lightly suffused jasper red. Outstanding. **Each \$1.25.**

DEEP VELVET—10" black-red with velvet sheen. Massive bush. **Each 95c.**

JERSEY'S BEAUTY—A superior cut flower on long, erect stems. Beautiful rose-pink. **Ea. 65c.**

KELVIN—12" blending pink and old rose; low bush with huge palmlike leaves. **Each 75c.**

LOIS WALCHER—6" pansy-purple, tipped white. Med. to low bush. **Each 65c.**

MICHAEL BLACK—8" rich purple. 5 ft. bush, massive with bloom held above main bush. Striking in a group. **Each 75c.**

MISS SHATTUCK—8" white on long straight stems, fine form and texture. Bush medium to tall. **Each 65c.**

PAISLEY GEM—8" perfectly formed blooms of white with speckles of rich violet. Excellent stems and keeper. Superb bush. **Each \$1.10.**

RED & WHITE—6" showy blooms of bright red and white. Tall bush. **Each 95c.**

VARIETY GIRL—10" orange gold often tipped white. Fine bush habits, long stems. **Each 75c.**

XANTINE—Finest 10" rich canary yellow we have seen, with good stems and bush habit. Fine stems. **Each 90c.**

Semi-Cactus Dahlias

Semi-Cactus or Hybrid Cactus type flowers are fully double but the petals are shorter than those of the true Cactus type and are broader and more flat, though sometimes recurved and twisted. The stems of this type are usually strong and the plant prolific bloomers.

FAITHFUL—10" giant pure white held erect on canelike stems; massive tall bush. **Each 75c.**

FIGARO—10" canary yellow penciled red; low bush which is showy in the garden. **Each 75c.**

GOLDEN NICKY-K—5-6" sport of Nicky-K. Identical except for old gold color. **Each \$1.50.**

KINSUI—10" bright canary yellow with fine form and stems. **Each 75c.**

MAD. XXX—8" with outer petals pink and yellow blending to a mulberry rose center; fine stems on large showy bush. **Each 75c.**

NICKY K.—5-6" scarlet red, petal tips clefted; medium bush, exceptional stems. **Each 65c.**

REISENWUNDER—10" pastel pink, rose. **Each 85c.**

STANBY—7" Oriental red, gold base; low bush, strong stems. Exceptional. **Each \$1.50.**

SHEIK—5" clear pink with handsome white center; good keeper on nice stems. **Each 75c.**

THE CARDINAL—10" dazzling red on fine bush, excellent keeper. **Each 75c.**

TORERO—Exciting 8" deep rich red, golden tips on medium bush. Showy. **Each 75c.**

Collarette Dahlias

Collarette types are the most striking and eye-catching; especially noticed at dahlia shows. They are early, graceful, easy to arrange, fine keepers, free flowering, on very good bushes.

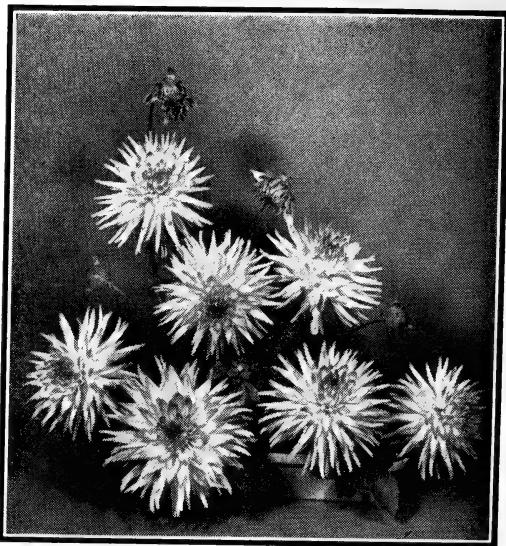
AIGRETTE—4" blooms of best white, on ideal stems. Productive. **Each \$1.00.**

CLAIRE DE LUNE—3" sulphur yellow, cream color collar, on ideal stems. **Each 65c.**

COUNTRY GIRL—Giant brick red, yellow collar. Tall. Very showy. **Each \$1.00.**

FLORISANT—4" fluorescent fuchsia, white collar. **Each \$1.00.**

LADY FRIEND—Only true pink. Large flowers. Med. height with fine stems. **Each \$1.25.**



Dahlia, Semi Cactus, Sheik, This page.

Informal Decorative Dahlias

They lack uniformity of the formal decoratives, the petals are more expanded. Many have longer petals often more loosely arranged. The plants grow vigorously and have very large flowers, usually on long erect stems. In some varieties the petals are somewhat twisted.

AUTUMN BLAZE—12" mahogany with yellow and flame shadings. One of the largest most showy, 3 ft. bush. **Each \$1.10.**

CONFUSIOUS—12" shaggy giant oriental red on massive bush. **Each 75c.**

MOTHER KOENIG—10" shrimp pink, yellow center, fine bush habit. **Each 75c.**

OGDEN REID—10" bright rose with slight gold. Early grown. **Each 65c.**

RED PILOT—10" pure blood red showy blooms on long stems. 6 ft. bush. **Each 75c.**

SALEM SUNSHINE—12" primrose yellow; early, profuse, vigorous; nice stems. **Each 65c.**

SAHARA (New)—Best 10". Rich rust red, gold edging and reverse on ideal bush. Ideal keeper, exhibition, vigorous. **Each \$1.50.**

WHITEHALL—10" pure white, turns semi-cactus, late in season. Fine sturdy bush. **Ea. \$1.40.**

Pompon Dahlias

These are the babies in the dahlia world. Pretty, compact, ball shaped flowers on long, stiff stems holding the blooms upright and making a most wonderful display of color in the garden. They are very fine for house decorations; flowers are good keepers. No garden should be without Pompons. They are different and dainty.

Prices are all postpaid. **Each 45c.**

ANNA CHRISTINA—A good clear gold.

BAMBI—Honey gold with tiny wine tips.

BETTY ANN—Clear pink on ideal stems.

BETTY MALONE—White petals tipped purple.

HAZEL DELL—Rich lavender cerise, deeper center; heavy growth, good stems.

HELEN ANITA—Orchid with white center.

JOE FETTE—Small perfect white flower.

KASASAGI—Yellow with heavy blush of red on petal tip. Outstanding.

KASUGA—One of the nicest new reds. Wiry stems, close knit flowers.

MARY MUNNS—Fuchsia to deep purple.

PIPES NOIR—Velvety black red, best stems.

RED WARRIOR—Rich crimson on good stems.

TAAKAS YELLOW—Rich canary yellow.

TIP TOP—Rich raspberry red.

Miniature Dahlias

They are free flowering; and show their faces on good stems, keeping well in bouquets. These fascinating and dainty dahlias are rapidly growing in favor for they are more adaptable to home decoration than the large flowered types and are not so formal as the pompons.

ANIMATO—(C.)—Delicate shell pink, ideal cut flower. Low bush. **Each 90c.**

BARBARA LOWRY (C.)—3-4" creamy yellow, tipped bright cerise; popular. **Each 95c.**

GERRIE HOECK (Waterlily)—Light rose, long lasting cut flower, free bloomer. **Each 65c.**

GLORY OF HEMSTEDE (Waterlily)—4" soft primrose yellow, long lasting cut flower. **Each 65c.**

HESTIA (C.)—4" peach florist jewel. Ideal blooms, wire-like stems, early 'til frost. **Each 65c.**

HOBBY (F.D.)—Similar to Helly Boudewijn, but a better bush. 3" white, best keeper when cut. Early, profuse blooming. **Each 65c.**

LOMBAERT'S VIOLET (C.)—4" violet, fine stems, nice for cutting; a garden show. **Each 75c.**

RUBY LIPS (I.D.)—Very tiny; one of heaviest producers. 3 ft. bushy plant. **Each 85c.**

SMILES (S.C.)—Orange, 3" flower, strong plants. Very showy. **Each 90c.**

MISCELLANEOUS DAHLIAS

BONNIE ESPERANCE (Border Single)—Tiny bright pink blooms on 18" bush. **Each 55c.**

COMET (Anemone)—Rich garnet red, outer petals flat, center cluster are tubular. **Each 75c.**

FRED SPRINGER (Border F.D.)—5" blood red on 20" bush with lace-like leaves. **Each 55c.**

KOKETTE (Single)—Early, good stems; mahogany red with gold tips. **Each 85c.**

TASOGARE (Duplex)—4" brilliant scarlet on best bush and stems. Foliage and stems are rich plum red. A splash of color for yard. **Each 65c.**

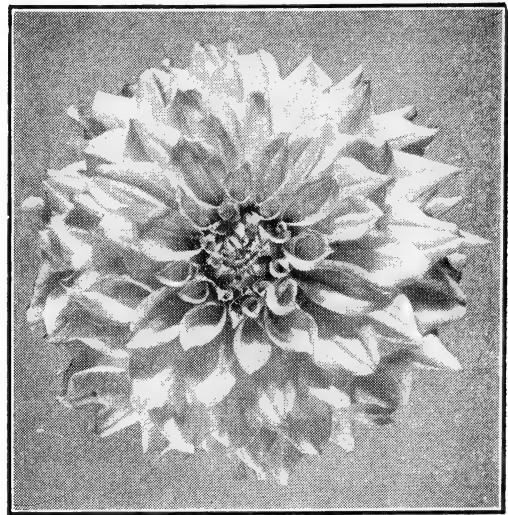
STRAWBERRY

With the coming of the large, fine flavored, rich colored everbearing varieties there has been a greater interest in growing strawberries in the home gardens. They can be planted in October and early spring. Always select a well drained location convenient for watering the plants during the summer. We supply healthy, clean plants. It is not safe to order strawberry plants later than May 1st but they may be planted in October. No orders filled for less than one dozen. Sometimes there are delays in transportation. If the plants do not arrive in good condition advise us at once. Shipments into Canada require a permit before shipment. Write for prices on quantities.

Plants will not be sent C.O.D. Payment should accompany the order. When plants arrive they should be removed from the wrapper and place the roots in water overnight and plant the next day. If weather does not permit planting then plant them in moist sand and hold for proper planting weather.

RICH RED (Everbearing) — Large, solid, rich-red throughout fruit. Planted in early Spring, will bear in June, through Summer, into Fall. Heavy producer; excellent for table and freezing. In our trials this season this berry looks very promising. A strong grower, loaded with blossoms, green and ripe berries. Excellent flavor and striking appearance. This variety patented and Trade Marked. **Postpaid. Doz. \$2.95; 25 for \$5.00; 50 for \$8.50; 100 for \$15.00.**

TWENTIETH CENTURY (Everbearing) — It has been highly recommended by many State Experimental Stations. It rates very high for size, quality and production. A vigorous grower, producing large plants. Bright red fruit of fine texture and flavor. Interior color is very good. It generally starts to bear within 60 days after planting and continues until freezing weather. **Doz. \$1.40; 50 for \$4.50; 100 for \$7.50; Postpaid. Not prepaid, 250 for \$14.50; 500 for \$25.00; 1000 for \$45.00.**



Jersey Beauty, See Page 40.

Ball Dahlias

A. D. LIVONI—Best; clear, rich pink; profuse bloomer; fine stems. **Each 55c.**

JEAN KERR—Popular white. **Each 55c.**

ROSY DAWN—Light blend of rose-red and yellow. Fine cut flower. **Each 75c.**

BONNIE BLUE—Lavender blue. **Each. 50c.**
ORANGE GLOW—4" orange on long stems. Striking bush. **Each 65c.**

PEPY—Deep fluorescent pink, some yellow at petal base. Striking cut flower. **Each 65c.**

PLANTS

STREAMLINER (Everbearing)—A variety of delicious quality, producing heavy crops of large berries. This berry originated in Oregon and has made quite a sensation. It bears throughout the season from spring until late fall. It is especially good in sections East of the Cascade range. **Postpaid. Doz. \$1.40; 50 for \$4.50; 100 for \$7.50. Not Prepaid. 250 for \$14.50; 500 for \$25.00; 1000 for \$45.00.**

ROCKHILL (Everbearing)—Large bright berries produced in quantities all Summer and Fall. This variety makes very few runners and most of the plants are secured by dividing up the one-year-old plants. This has the advantage of eliminating the second rate producers. Many people believe that the Rockhill berry should not make runners, however this is not true. If given plenty of fertilizer and water they will make some runners and these are ideal for setting out. **Postpaid. Doz. \$2.00; 25 for \$3.75; 50 for \$7.00; 100 for \$13.00.**

JUNE OR STANDARD VARIETIES
PRICES UNIFORM. Postpaid. **Doz. \$1.00; 50 for \$2.50; 100 for \$4.50; Not prepaid 500 for \$15.00; 1000 for \$25.00; 5000 at \$24.00 per M.**

MARSHALL (Standard type)—One of the best for market and home use. Large, dark red fruit with deep red color clear through the berries. Exceptionally fine quality for freezing and canning.

NORTHWEST (Standard type)—Large heart shaped, uniform berries with clear deep red through the fruit. Larger and heavier yielder than the Marshall. Vigorous plants producing a large cluster on high stems. Good for canning and freezing. Mid-season.

SILETZ (New, Standard Type)—It is outstanding for production, quality and vigorous growth. It is claimed to be the best for disease resistance. We believe it will become very popular for local markets, roadside stands and home gardens.

STRAWBERRIES — Continued

PUGET BEAUTY (New Standard Type)—An excellent berry for fresh use and freezing. Many prefer it to the Marshall and the berries are firmer. Ideal jams, jellies and preserves. Strong vigorous plants, very large plants with upright habit. Compared with Northwest variety it makes few runners. Does best in upland rather heavy soils. Fairly resistant to red stele also quite resistant to mildew fungus.

STANDARD or EVERBEARING

SHASTA—The famous strawberry of the Santa Clara Valley in California. In that location it is rated as an everbearing variety and irrigation is used. Here in Oregon it is rated as a two crop berry, that is a June crop and a fall crop; however with irrigation they are everbearing type. Early mid-season and a fine producer of very sweet berries. The extra large berries are firm and red clear through. It is rated ideal for canning and freezing. We have received many fine reports on this variety. Very vigorous grower. **Doz. \$1.00; 50 for \$2.05; 100 for \$4.50. Postpaid. Not Postpaid, 500 for \$15.00; 1000 for \$25.00; 5000 at \$24.00 per thousand.**

VEGETABLE PLANTS

IMPORTANT NOTICE — We positively will not send any plants C.O.D. Payment on plant orders must accompany the order. For safe shipment we advise that vegetable and flower plant orders be limited to Oregon, Washington, Idaho, Wyoming, California, and Western Montana.

If you wish to order these plants beyond these states, please send double the prices listed. In this case mark your order for Air Mail and enclose the amount. We will refund any overpayment.

NOTE—Because there is often confusion in ordering and shipping plants we urge our customers to put the section number along with the variety. **Within the states above mentioned add 10% to the prices listed on 5th zone.**

Prices on all these plants are based upon one variety only. If your order is divided into more than one variety add 10% to the postage prices.

EARLY CABBAGE PLANTS—SEC. 1

These plants are grown in greenhouses in flats, and except Jersey Wakefield, the seed cannot be sown outside in the fall for winter hardened plants. Ready about March 1st to May 1st. **VARIETIES** are GOLDEN ACRE, EARLY COPENHAGEN MARKET, EARLY JERSEY WAKEFIELD and RED CABBAGE. **PRICES POSTPAID. Doz. 55c; 3 doz. \$1.25; 100 @ \$3.00.**

EARLY CAULIFLOWER—SECTION 2

Greenhouse Grown

EARLY SNOWBALL No. 16 and HELIOS—They require rich soil and plenty of water. **PRICES POSTPAID: Doz. 65c; 3 doz. \$1.50; 100 @ \$3.65.**

SUMMER CABBAGE—SECTION 3

Well hardened field grown plants, available about May 10th to June 25th. These will produce heads in late summer and early fall. **VARIETIES** are EARLY GLORY, BONANZA, GLORY OF ENKHUIZEN, SEIDL BALLHEAD, RED CABBAGE and OREGON BALLHEAD. (These varieties listed in order of maturity.) **PRICES, POSTPAID: Doz. 50c; 3 doz. \$1.10; 100 @ \$2.50. Prices not prepaid, 250 @ \$2.35; 500 @ \$3.50; 1000 @ \$6.50.**

LATE CAULIFLOWER and BROCCOLI PLANTS—SECTION 7

Hardy field grown plants, ready July 1st to September 1st. **VARIETIES** are NOVEMBER-DECEMBER, ST. VALENTINE, APRIL, PURPLE CAULIFLOWER and GREEN BROCCOLI MEDIUM. **PRICES, POSTPAID. Doz. 60c; 3 doz. \$1.40; 100 \$3.00. Not prepaid, 250 for \$2.95; 500 for \$3.85; 1000 @ \$6.75; 5000 @ \$6.50 per M.**

LATE CABBAGE PLANTS—SEC. 4

Sturdy, well hardened field grown plants of our own growing. Ready July 1st to September 1st. **VARIETIES** are OREGON BALLHEAD, DANISH BALLHEAD, SEIDL BALLHEAD, PORTLAND ROUNDHEAD, DANISH ROUNDHEAD, RED CABBAGE and SAVOY. **PRICES, POSTPAID: Doz. 50c; 3 doz. \$1.10; 100 @ \$2.60. Not prepaid, 250 @ \$2.00; 500 @ \$3.00; 1000 @ \$5.00; 5000 @ \$4.75 per M.**

KALE PLANTS—SECTION 6

Hardy plants, ready July 1st to September 1st. More kale should be planted, for it is very hardy, easily grown, and very essential for proper nutritional balance. **EDIBLE VARIETIES**: TALL GREEN SCOTCH CURLED, DWARF BLUE GREEN CURLED and GEORGIA COLLARDS. **Same price as Late Cabbage above. FEEDING KALE**: JERSEY KALE. Valuable for poultry and livestock. **Same prices as Late Cabbage above.**

BRUSSELS SPROUTS—SECTION 5

Hardy plants, ready July 1st to September 1st. **PRICES, same as Sec. 4, Late Cabbage plants above.**

TOMATO PLANTS—SECTION 8

These are grown in flats in greenhouses or in frames. Ready about May 1st to June 20th. **VARIETIES** are ALL PURPOSE, IMPROVED EARLIANA, IMPROVED PEPPER TOMATO, WASATCH BEAUTY, JUBILEE, BONNY BEST, PRITCHARD, BREAK O'DAY, MASTER MARGLOBE, SEATTLE BEST OF ALL, VICTOR, VALIANT, PORTER AND PEAR (Yellow and Red). **PRICES ARE POSTPAID: Doz. 75c; 3 doz. \$1.95; 100 for \$4.75.**

PEPPER PLANTS—SECTION 9

Grown in greenhouses in flats. Ready May 1st to June 15th. **VARIETIES** are CALIFORNIA WONDER, YOLO and RED CAYENNE. **PRICES POSTPAID: Doz. 75c; 3 doz. \$2.10; 100 for \$4.90.**

CELERY PLANTS—SECTION 10

GREENHOUSE PLANTS — Ready about March 15th. Grown in flats. UTAH JUMBO (Green Celery). **LATE CROP PLANTS**—Ready about July 1st. Grown in field beds. Same variety as above. Sometimes available in quantities. **PRICES FOR BOTH, POSTPAID: Doz. 60c; 3 doz. \$1.50; 100 @ \$3.50.**

CAULICAB—SECTION 11

Ready June 25th to September 1st. **POSTPAID. Doz. 60c; 3 doz. \$1.50; 100 @ \$3.75.**

Flower Plants

CARNATION PLANTS

GIANT FLOWERING MIXED—Spring grown plants. Ready April 20th to June 15th. **Postpaid. Doz. 85c; 3 doz. \$2.25.**

MARIGOLD PLANTS

NEVER BEFORE — MIXED SHADES, ORANGE SHADES, YELLOW SHADES and NEW ANEMONE. Ready May 1st to June 20th. **Postpaid. Doz. 85c; 3 doz. \$2.25; 100 for \$4.50.**

Tapered Plant Protectors

(Non Poisonous)



Protection from Root Maggots on Cabbage, Cauliflower, Broccoli, Brussels Sprouts, etc. Apply when setting out plants. Rains or cultivations do not destroy effectiveness. Protection last until plant maturity. Prices postpaid to 4th zone and beyond see page 48. Package of 24 for 20c; 72 for 55c; 500 for \$2.25; 1000 for \$3.95. Write for prices on quantities.

High Grade Lawn Grass

WRITE FOR PRICES ON QUANTITIES. We supply grasses for golf courses and other large plantings. We will gladly quote you. **ALL PRICES QUOTED ARE SUBJECT TO MARKET CHANGES.**

We specialize in high-grade lawn grass seed. During the past few years, we have supplied lawn seed for some of the largest institutions in the Pacific Northwest. Whether it is a small lawn or a large one, we can supply the seed and we will be glad to quote you for quantities either on mixtures or separate grasses. Many of the lawn grass mixtures on the market contain rye grass seed. We consider rye grasses too coarse and too rapid of growth to be included in mixtures and therefore omit them in our mixtures. We figure one pound to 300 square feet of surface. Write for free bulletin on "Lawn Culture" by Ray W. Gill.

In Western Oregon, Washington and California September and October are ideal for sowing lawns. There is more moisture and annual weeds are killed by winter frosts. Be careful to plant early enough so that the roots will be established before hard frost might lift and break off the young roots. On Canadian orders add 15¢ per pound extra to postpaid prices.

GILBRO SPECIAL—This super mixture is composed of the finest bladed grasses which are selected on account of their great endurance. It will make a soft velvety lawn of uniform texture and appearance. All varieties in this mixture tolerate acid soils, thus they respond rapidly with acid fertilizers which in turn reduce the weed menace. We have many reports from our customers, who are highly pleased with this mixture. It is adapted to shade or sun. It does not contain white clover unless requested. This mixture contains 20% creeping bent, making it necessary to ask the following prices: **Postpaid Lb. \$1.45. Not Prepaid, 5 lbs. or more at \$1.30 per lb.; 10 lbs. or more at \$1.25 per lb.; 20 lbs. at \$1.20 per lb.**

PACIFIC COAST LAWN MIXTURE—Climatic and soil conditions have much to do with the selection of varieties in lawn mixtures. This mixture is especially adapted to locations along the Coast and west of the Cascade Mountain range. It contains varieties which will respond in soils which are somewhat acid due to heavy winter rains. It is a very good mixture made from high grade grasses. It does not contain any rye grasses. It makes a hardy, fine bladed turf well suited to the average soil. It does not contain white clover unless requested. **Postpaid, Lb. \$1.25. Not prepaid, 5 lbs. or more at \$1.10 per lb.; 10 lbs. or more at \$1.05 per lb. 20 lbs. at \$1.00.**

SWEET SOIL LAWNS MIXTURE—We are convinced of the advantage of having a high grade mixture of lawn grasses for soils that are sweet or rather alkaline. We offer here a good mixture of fine bladed grasses which will respond in this type of soil. We secure the best success where the grass varieties are suited to the climate and soil. **Postpaid, Lb. \$1.50. Not prepaid, 5 lbs. or more at \$1.40 per lb.; 10 lbs. or more at \$1.35.**

MERION BLUE GRASS—A grass with superior root system and a thick turf excelling in richer color than Kentucky Blue Grass. The turf spreads quickly and one pound to 500 square feet is sufficient. It holds a green color all summer and will stand more acidity than Kentucky Blue Grass. **Per 1/2 lb. \$1.90; lb. \$3.50. Postpaid. Not prepaid, 5 lbs. at \$3.40 per lb; 10 lbs. at \$3.30.**

BLUE GRASS and WHITE CLOVER—Well proportioned mixture. **Postpaid. Lb. \$1.65. Not prepaid, 5 lbs. at \$1.55 lb; 10 lbs. or more at \$1.50.**

RED CREEPING FESCUE—(Blue Tag Grade) Rich, fine bladed foliage, making a splendid turf for shade or sun. Especially suited to sandy soils, banks, and terraces. One of our finest grasses. Fine lawns have been seeded with this alone that give splendid satisfaction. **Postpaid. Lb. \$1.20. Not prepaid, 5 lbs. at \$1.05 per lb.; 10 lbs. or more at \$1.00 lb.**

POA TRIVIALIS—Valuable lawn grass for shaded locations. In appearance it resembles Blue Grass. **Postpaid. Lb. \$1.40; Not prepaid, 5 lbs. at \$1.25 lb.; 10 lbs. at \$1.20 per lb.**

ASTORIA BENT (Blue Tag Grade)—A native acclimated sort grown in Oregon. Besides creeping on the surface of the soil it has jointed roots that creep under ground. It is the best bent grass for high, well-drained soils and is very resistant to drought. It is often found growing in almost pure sand. It makes a thick, close turf, with fine leaf blades. **Postpaid. Lb. \$1.65. Not prepaid, 5 lbs. or more at \$1.55 per lb.; 10 lbs. or more at \$1.50 lb.; 20 lbs. at \$1.45 per lb.**

HIGHLAND BENT (Blue Tag Grade)—Vigorous, quite drought resistant. Vigorous root creeping type. Slightly coarser foliage than Astoria Bent. **Postpaid. Lb. \$1.30. Not prepaid, 5 lbs. at \$1.10; 10 lbs. at \$1.05 per lb.; 20 lbs. at \$1.00 per lb.**

WHITE CLOVER—Often used for lawns. We offer a extra fancy grade of seed for this purpose. **Postpaid. Lb. \$1.60. Not prepaid, 5 lbs. at \$1.40 per lb.; 10 lbs. or more at \$1.35 per lb.**

KENTUCKY BLUE GRASS—Extra fancy grade. A splendid general purpose grass for lawns, with hardy growth and fine, close turf. Extra fancy grade. It does best on sweet soil. **Postpaid. Lb. \$1.65. Not prepaid, 5 lbs. at \$1.50 per lb.; 10 lbs. or more at \$1.45 per lb.; 20 lbs. or more at \$1.40 per lb.**

CHEWINGS FESCUE (Blue Tag Grade)—Extensively used for lawns and golf courses. It makes a fine, close turf, very resistant to tramping. **Postpaid. Lb. \$1.20. Not prepaid, 5 lbs. at \$1.05 lb.; 10 lbs. or more at \$1.00 lb.**

BIRDSFOOT TREFOIL (*Corniculatus*), Narrowleaf—Recommended as a ground covering for banks. It has a narrow green leaf with tiny yellow blossoms. One pound to 500 sq. ft. Use nitrogen treatment of seed. **Postpaid. Lb. \$2.75. Not prepaid, 5 lbs. or more at \$2.60 lb.**

WATERPROOF MARKING PENCILS
Postpaid. Each 25c; 5 for \$1.00

Colchicum (Autumn Crocus)

A very unusual flower which blooms a few weeks after planting, blooming without foliage. They will also bloom on a shelf or table without water or soil. Flowers shaped somewhat like crocus but larger. They bloom early in the fall. You may order previous to that time and we will hold it for delivery in August. **Prices postpaid. For 4th zone and beyond add 15% extra to the listed prices.**

ALBUM—Large pure white. **Each 40c; 3 for \$1.00; doz. \$3.50.**

AUTUMNALE—Large, pale lavender. **Each 40c; 3 for \$1.00; doz. \$3.50.**

AUTUMNALE MAJOR—Very large flowers; Lilac pink. **Each 50c; 3 for \$1.35; doz. \$4.85.**

VIOLET QUEEN—Rich violet color. **Each 45c; 3 for \$1.25; doz. \$4.50.**

Roses

We offer a fine list of new and standard Rose bushes, including patented varieties. These are available during the Fall and Spring. This list is too long to publish here, but will be sent to you upon request. They are available at our store or by mail. Due to increased Parcel Post rates we find it necessary to ask for 30c (per rose order) in addition to the price of the roses. This is for postage and packing. If you live in the 4th zone or beyond, please include 10c extra per rose, and 10c for each zone beyond the 4th. Please refer to our zone map for the proper zone. See page 48.

Calla Lillies

Hardy outdoors along the Coast of Oregon, Washington, also in the milder sections of California. Plant 4 inches deep and 2 feet apart. Available October to April. Can be started inside and planted outside in May. If planted in fall, should be protected with mulch. All except Large White Calla are bulbs. All postpaid.

LARGE WHITE CALLA—Strong, vigorous grower with flower stems 3 to 5 feet high. Large roots. Each 60c; 3 for \$1.50; doz. \$5.50. For 4th zone and beyond add 15% to these prices.

YELLOW CALA—Bright golden yellow, foliage deep green, spotted white. Plant 2 to 3 inches deep. Each 65c; 3 for \$1.60; doz. \$6.00.

PINK CALLA—Medium sized flowers of rose pink shading to cerise when fully open. Height 10 inches. Each 45c; 3 for \$1.25; doz. \$4.50.

BLACK CALLA—(*Arum Pictum*)—The odorless black calla. Each 85c; 3 for \$2.25; doz. \$8.00.

ALBA MACULATA—Dwarf white; red markings and blotches in the throat. Quite rare. Each 75c; 3 for \$1.80; doz. \$6.50. Postpaid.

Cannas

Valuable for foliage and their large brilliant flowers. Root division may be started in pots and transplanted about May 15 to June 15, depending upon location and seasons. Place about 2 feet apart in rows and 4 feet between rows.

Prices Postpaid—Any variety, root divisions ready March and April. Each 35c; 3 for 85c; doz. \$2.50.

CITY OF PORTLAND—Compact dwarf growth. Green leaves, rosy pink flowers.

COPPER GIANT—Very fine pink, large flowers and clusters deep pink with copper cast. Deep green foliage. One of the best.

KING HUMBERT—Large orange scarlet flower with deep bronze foliage; 3 ft tall.

ROSEMONT COLES—Large red flowers with broad petals. Back side of petals reddish copper. Free bloomer with large clusters. 3 ft. tall.

THE PRESIDENT—Immense bright red flowers in large clusters. 3½ ft. tall. Green foliage.

UREKA—Creamy white, medium height, green foliage.

WYOMING KING—Orchid-flowering variety. Dark orange, large size. Purple foliage. Ht. 5 ft.

YELLOW KING HUMBERT—Tall green foliage, yellow flowers, spotted red.

Montbretias

We offer some fine newer named varieties. Prices uniform unless noted. Postpaid. 3 for 40c; doz. \$1.20; 100 for \$6.90. Not less than 6 of one variety at the dozen rate.

NEWER MONTBRETIAS

WESTWICK—Orange and gold.

KATHLEEN—Orange suffused red.

LADY WILSON—Large, golden.

ROSEA—Rich rose pink.

NIKOLAS MAES—Reddish yellow.

LADY HAMILTON—Light orange and red.

NORWICH—Yellow.

VESSUVIUS—The deepest red.

SIR MATHEW WILSON—Largest orange red.

3 for 45c; doz. \$1.50; 100 for \$11.00.

FINE MIXED—3 for 35c; doz. 95c; 100 for \$5.75.

Gloxinias

We now can offer waxed gloxinia bulbs for indoor and greenhouse forcing. Postpaid. Each 60c; 3 for \$1.50; doz. \$5.50.

EMPEROR FREDERICK—Red and white.

EMPEROR WILHELM—Blue and white.

ETOILE DE FEU—Bright red.

VIDECIA—Blue violet.

BLANCHE DE MARU—White, purple edge.

Tigridia or Tiger Flower

Gorgeous colors, produced during the summer. Short lived blooms but very brilliant. Plant 2 to 3 inches deep and 6 to 8 inches apart. We offer in a fine color mixture. Blooming sized bulbs ready in February. In mixture only. Postpaid. 3 for 40c; doz. \$1.25; 100 for \$8.50.

Begonia Bulbs

Start in pots inside, February to April. We offer good sized well grown bulbs. Cultural directions sent with each order. Ready in February. **The dozen rate only applies to 6 or more of one color or kind.** Prices, unless noted, postpaid. Each 35c; 3 of one kind at 95c; doz. \$3.25.

MULTIFLORA GIGANTEA—New strain producing many medium size blooms. Excellent for potting and bedding. Mixture only.

DOUBLE CAMELLIA (Ballerina strain)—Giant double flowers, frilled and fringed on the outer edges. Offered in white, pink, rose, yellow, dark red, dark salmon, and flame orange.

CARNATION—Large double flowers resembling a carnation in form. Petals are frilled and have serrated edges. Offered in yellow, pink, orange, white and red.

ROSEFORM DOUBLE CAMELLIA—Petals are smooth and long, with distinct rose form center. Red, yellow, pink, apricot and white.

CRISPAS—A single type, profusely frilled. Mixed colors.

HANGING BASKET—Double, of medium size, loaded with blooms. Offered in white, yellow, pink, rose orange, salmon and red.

PICOTEE—Ruffled double blossom with edges of petals a contrasting color. White, pink edge; white, red edge; salmon, scarlet edge.

Tuberoses

Lovely, large flowers of thick wax-like texture on graceful, long, strong stems. Valuable in the garden, also for cut flowers. They have a rich exotic fragrance. Plant after danger of frost, 2 inches deep to top of bulb. They prefer well drained soil and sunshine. The flower stems are about 12" tall and bloom in August and September. Near the seacoast they can be left in the ground over winter if protected, but in other sections it is best to dig and store them. Available in February. Offered in double. Postpaid. 3 for 65c; doz. \$2.00; 100 for \$13.50.

Glorosia Climbing Lily

Grows erect 2 to 3 feet tall. The end of each leaf has a tendril which fastens to any support. Pendant lily-like flowers about 3 inches in diameter of brilliant yellow and red. As the flowers age they tend to reverse the petals. Store tubers in winter like Gladioli. Can be grown inside or outside. Each \$1.00; 3 for \$2.85. Postpaid.

Seaweed Products

LIQUIFIED SEAWEED (Maxicrop). Seaweed specially processed, that keeps all its goodness intact and changes it into a form of immediate value to the plants. 1 tablespoon to 1 gallon of water can be used on seed beds, house plants, transplanting, etc. Postpaid to 4th zone; ½ pt. 85c; Pt. \$1.35. Write for quantity prices and literature.

ALGIT. Sundried seaweed is a natural organic source of trace minerals, vitamins, amino acids and plant hormones. This can be used as a soil conditioner and for livestock feeding. Seaweed improves soil structure, which promotes aeration and nitrogen fixation. Algit suits all crops and soils, (especially fine for clay soils). Postpaid to 4th zone, 5 lbs. \$1.25. Write for literature and quantity prices.

BROADLEAF WEBSTER COMFREY—We offer plants of this high protein food. This is claimed to be an excellent supplement for feeding livestock, and valuable for human consumption. This plant has been used for centuries for medicinal purposes, and is now being used for many purposes. It is an addition to carrot juice, and green salads, and can be used like spinach (do not cook too long—just until well wilted). Write for more complete information. We can also furnish root cuttings. Write for quantity prices. **PRICES POSTPAID**. Plants, each 60c; 3 for \$1.50.

PLANT BOOSTERS

HYPONeX
PLANT FOOD

Grows Better Plants Faster

In SOIL, SAND or WATER

Simply dissolve and water all your houseplants, garden flowers, vegetables, shrubs, lawn. Produces more and larger flowers and fruit. Excellent for seedlings, cuttings, transplants. Clean, odorless. Won't burn foliage or roots if used as directed. Contains all nutritional elements — plus vitamin B1. Feeds instantly.

NEW PRICES POSTPAID: 2/3 oz. 26c; 2 oz. 33c; 5 oz. 63c; 10 oz. \$1.15.

AFRICAN VIOLET PLANT MIX
Ideal for planting African violets. By Black Magic. Postpaid (120 cubic inches) 85c.

BLOSSOM BOOSTER
For African violets and Gloxinias. By Black Magic. Postpaid. 4 oz. 75c.

Ra-Pid-Gro

The original liquid plant food. Keeps plants growing vigorously. Follow directions. Won't burn. Feeds through buds, leaves and roots. Not prepaid. $\frac{1}{2}$ lb. (packed wt. $\frac{3}{4}$ lb.) 75c; 1 lb. (packed wt. $1\frac{1}{2}$ lbs.) \$1.35; 5 lbs. (packed wt. 6 lbs.) \$4.75.

Commercial Fertilizers

Write for prices, stating quantity.

NOTICE — Readjustment in changing prices prevent us from quoting prices here. All prices are F.O.B. our shipping point and purchaser must pay transportation charges. Ask for our complete current price list of Organic and Mineral Fertilizers.

Plant Killers

2, 4, 5-T **BLACKBERRY KILLER** — 8 oz. size will treat 800 sq. ft. 8 oz., $1\frac{1}{2}$ lb. packed, \$1.40; 16 oz., 3 lbs. packed, \$2.10; 32 oz., 4 lbs. packed, \$3.75. Postpaid, extra postage 4th zone and beyond.

IPC GRASS KILLER — To control perennial grasses, such as Quack, Johnson and Bermuda. 16 oz., 2 lbs. packed, \$1.60; 32 oz., 4 lbs. packed, \$2.65. Postpaid, extra postage 4th zone and beyond.

ORTHO P.B.C. (Weed and Grass Killer) — Kills all vegetation for 1 or more years. Driveways, paths, fencelines, etc. Non-Selective. 1 lb. 4 oz. Not prepaid. \$1.30.

WEEDONE CRAB GRASS KILLER — 4 oz. \$1.45. Postpaid.

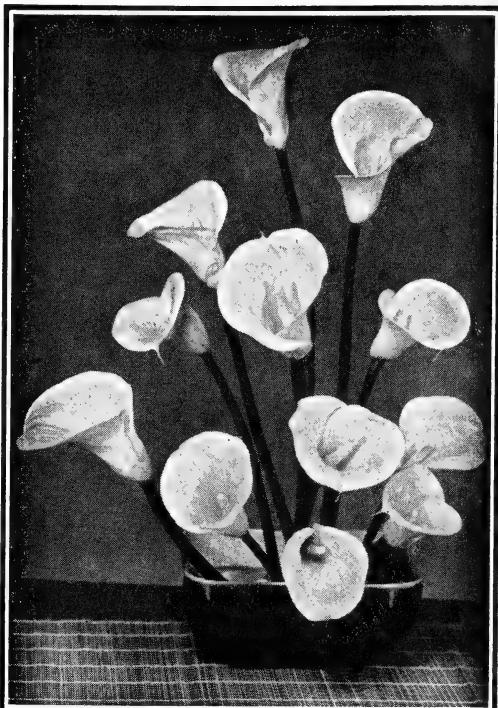
SPHAGNUM MOSS

Has many uses such as germinating seeds, building up soil mediums, and its value is based on the high absorbent water holding capacity, due to its sponge-like texture. It is claimed that no "damping off" occurs when using this medium. Horticultural grade milled 10 oz. \$1.25; Long-fibred Sphagnum, 7 oz. 90c; Bulk Long-fibre 1 lb. \$1.25. Postpaid to 4th zone. See page 60.

AMERICAN VEGETABLE GROWER MAGAZINE

Through an arrangement with the publishers of AMERICAN VEGETABLE GROWER magazine we are able to offer our customers subscriptions to AMERICAN VEGETABLE GROWER. Please use the enclosed coupon.

REFERRING TO 1958 FALL CATALOG
For Perennials listed and described which were in 1958 Spring Catalog. See 1958 Fall Catalog. Abyssinian Sword Lily, Agapanthus, Anemones, Amaryllis, Bletilla, Gerbera, Lily of the Valley, Ranunculus.



Yellow Calla, See Page 44.

Treating Seeds, Bulbs, Plants

TRANSPLANTONE

HORMONE POWDER — Stimulates the roots of plants, shrubs and trees. Postpaid. $\frac{1}{2}$ oz. pkg. 40c; 3 oz. can \$1.30.

ROOTONE

"THE HORMONE POWDER"

Postpaid. $\frac{1}{4}$ oz. pkt. 35c; 2 oz. jar \$1.30. Not prepaid 1 lb. can \$5.00 (see postal schedule). No solutions, no measuring, just dust, and plant. The 2 oz. jar treats up to 3000 cuttings.

FRUITONE

It aids in setting fruit thus preventing premature drop of the fruit, flowers or leaves. Used on holly to prevent berry drop. Postpaid. 2/5 oz. 35c; 2 oz. \$1.30. Write for quantity prices.

ARANSAN 75 — Disinfectant and protectant for vegetable and lawn grass seeds. Postpaid. 1 oz. 65c; 8 oz. \$1.75; Wettable $5\frac{1}{2}$ oz. (will treat 100 lbs. of seed). Postpaid \$1.25.

SEMESAN BEL — A dip disinfectant for seed potatoes. Postpaid. 3 oz. pkt. \$1.60; not prepaid 1 lb. can \$3.30; 4 lb. \$10.65.

TERSAN 75 — A fungicide for treatment of golf and lawn turfs. Postpaid. 8 oz. \$2.20. Not prepaid, 3 lbs. \$5.50.

THOMPSON'S FIX TABLETS (For Tomatoes) — Aids in setting fruit and makes them practically seedless: 4 tablets to 1 qt. of water for spray. Postpaid. 1 bottle (20 tablets) 30c.

NITRAGIN — Postpaid

Combination (AB) for Alfalfa and Clovers, to treat 1 bu. each .80..... 2 bu. each \$1.25

PEAS, VETCHES (C) for treating 100 lbs. .90

BEANS (D) 1 bu. each

GARDEN SIZE, Peas, Beans, Sweet Peas, Lupines, Lima Beans, Edible Soybeans, ea. .30

SPECIAL CRIMSON and SUBTERRANEAN

CLOVER, 1 bu. size..... 1.00

SPECIAL LADINO CLOVER, $\frac{1}{2}$ bu. each..... .30

SPECIAL LOTUS CLOVER, Birdsfoot

Trefoil, treat 10# size, each

Nasturtium Collection No. 17

Six pkts. semi-double Nasturtiums worth 90c, postpaid for 70c, save 20c. One pkt. each, Cherry Rose, Scarlet Globe, Mahogany Gem, Gem Mixture, Golden Gleam Tall and Gleam Hybrids Tall. See Page 29.

FOR SPRAYING OR DUSTING, ETC.

Ortho Products

"Not prepaid," check zone map and schedule, page 48; on postpaid price send extra for 4th zone and beyond.

ORTHOCLIDE (Garden Fungicide) — Contains 50% Captan. Postpaid. ½ lb. \$1.65; 1 lb. \$2.50.

BOTANO DELUXE—It contains approved lime-dame. A good control for a wide variety of sucking and chewing insects, also Powdery Mildew, Black Spot and Rust. It also controls various worms and weevils. Effective against earwigs, also lawn moths. Postpaid. 10 oz. plastic squeeze gun \$1.65. Not Prepaid, 1 lb. refill, \$1.40; 5 lb. refill \$4.50.

ISOTOX GARDEN SPRAY—The sensational lindane insecticide. Effective general foliage spray against Aphids, Thrips, Beetles. Protects Roses, Camellias, and other flowers and shrubs against many chewing and sucking insects. Controls wireworms and other soil pests. Also kills Earwigs, Lawn Moth (Sod Webworm), Flies, (Glass Bottles) Postpaid 4 oz. \$1.40. Not Prepaid 8 oz. (packed wt. 1 ½ lbs.) \$1.95; 1 pt. (packed wt. 2 ¼ lbs.) \$2.95; 1 qt. (packed wt. 3 ½ lbs.) \$5.50.

ORTHORIX SPRAY—Postpaid. 8 oz. \$1.00 (packed wt. 2 lbs.) Not Prepaid. Pts. \$1.30 (packed wt. 3 lbs.) Quarts and gallons ask for price.

ORTHO SPRAY SETS—Contains Orthorix Spray and Isotox. Postpaid. \$2.95 per set (packed wt. 3 lbs.) Extra 4th zone and beyond.

ORTHO DORMANT SPRAY SET—Contains 1 pt. Ortho Rix and 1 pt. Volck Oil. Postpaid. \$2.25 Per set (packed wt. 3 ¾ lbs.) Send extra 4th zone and beyond.

BORDO MIXTURE—Postpaid. 1 lb. \$1.20. Send extra 4th zone and beyond.

ORTHO ROSE DUST—Postpaid. 10 oz. Plastic Squeeze Duster \$1.75. Not prepaid: 1 lb. refill \$1.40.

VOLCK OIL SPRAY—For summer and dormant use against red spiders, scale insects, etc. Postpaid. 8 oz. 85c; pt. (packed wt. 2 lbs.) 75c; qt. (packed wt. 3 ½ lbs.) \$1.35. Extra 4th zone and beyond.

Corry's Slug Death

Safe to use, contains no arsenics. Withstands rain and sprinkling and remains effective for several weeks. Attracts and kills both large and small slugs and snails. Easy to use. No spraying or dusting. Money back guarantee if not satisfied. Prices: Not prepaid. 1 lb. 60c; 2 ¼ lbs. \$1.35; 5 lbs. \$2.50; 10 lbs. \$4.50; 25 lbs. \$10.00.



Rodent Killers

Keep These Poisons Away from Children

FORCE'S MOLE KILLER—Pellets to place in runways. Postpaid, 85 pellet size (2 ½ oz.) 70c; 185 pellet size (5 ½ oz.) \$1.35, postpaid; 875 pellet size (24 oz.) \$3.85. Postpaid to 4th zone. Extra postage beyond 4th zone. A poison, so be careful about children.

MOLE TRAPS. OUT OF SIGHT. 3 lbs. Postpaid to 4th zone. Each \$3.75. Extra postage beyond 4th zone.

MILLER'S PRODUCTS

VEGETABLE DUST—An insecticide and fungicide dust for tomatoes, peas, beans, cucumbers, melons, cabbage and others. Safe to use on vegetables nearly up to harvest time. Postpaid. 8 oz. plastic squeeze gun \$1.25. Not prepaid: 1 lb. \$1.35; 2 lbs. \$1.75; 5 lbs. \$3.50.

MILLER'S BOOSTER POWDER—For house plants, flower boxes, roses and shrubs. Stimulates quick rooting and rapid growth. It supplements organic humus compost, rounding out complete plant feeding program. Dilute powder with water. Postpaid. 1 lb. \$1.15. Not prepaid 2 lbs. \$1.25; 5 lbs. \$2.00.

MILLER'S GARDEN COMPOST MAKER—Converts weeds, leaves and garden rubbish into valuable organic humus fertilizer. Not prepaid. 5 lbs. \$1.00.

MILLER'S SOILDUSTO—Used to control worms and insects in the soil or on top of the soil. Effective to control wire-worms, Symphylids, and other pests. Also good to protect bulbs when planting or storing. Postpaid. 4 oz. 65c; 10 oz. \$1.25; 2 lbs. \$2.85; 5 lbs. \$5.45. Beyond 4th zone add 15% to these prices.

MILLER'S MALASPRAY—50% Malathion—Aphids, thrips, red spider, leaf hopper on flowers and vegetables. Postpaid. 4 oz. (packed wt. 12 oz.) \$1.25; 8 oz. (packed wt. 5 lb. 6 oz.) \$2.00.

Rotenone "100" Dust

Very successful for controlling insects that eat or suck on plants. We can also supply this in liquid form. For dust, Postpaid. 1 lb. 75c. Not prepaid 4 lbs. \$1.55. Write for prices on 50 lb. bags.

Sprayers, Implements

We carry a good list of Sprayers and Dusters. Ask for our special price list. Sent on request.

FOGG-IT GARDEN HOSE NOZZLE—Perfect for spraying young and tender plants such as Fuchsias, Begonias, etc., without injury to them. Ideal for lath and greenhouses. Postpaid. \$2.00.

PRUNING SHEARS (No. 609) — Wiss Pruner. Postpaid. \$3.80. Extra postage beyond 4th zone.

CENTROSPRAY—For sprinkling plants and flowers. Long curved tube with bulb attached. Can also be used to sprinkle clothes with gentle spray. Postpaid. 8 oz. \$1.45; 12 oz. \$1.95.



GRO-QUICK ELECTRIC SEED BED HEATER

SEED UP IN 30 HOURS
ROOT CUTTINGS IN 6 DAYS
CUT GERMINATION TIME BY 2/3
TRANSPLANT 2 WEEKS SOONER.

ALL GRO-QUICK PRICES POSTPAID



Above enthusiastic reports from users tell what GRO-QUICK soil heating cable will do for you. FOR HOTBEDS — COLD FRAMES — PLANT BENCHES — FOR EARLY STARTING IN OPEN GROUND. Operates from household current. Shipped complete with instructions and plans.

The following 5 watt per foot cables are for use only in hotbeds with damp soil on the ground. Space 6" apart for 10 watts per sq. ft. of bed.

J40A for single sash bed or 20 sq. ft. **\$6.75**

S80A for double sash bed or 40 sq. ft. **9.00**

J40 115 V. cable 40' 200 W. for 20 sq. ft. \$2.25
S80 115 V. cable 80' 400 W. for 40 sq. ft. 4.50
S160 230 V. cable 160' 800 W. for 80 sq. ft. 8.50

The following 2 ½ watts per ft. cables should always be used in elevated beds or benches, or when flats are used or when special rooting mediums, such as sand, peat, or vermiculite are employed. Space 3" apart to obtain 10 watts per square foot of bed.

(The cables listed below can also be used to prevent freezing pipes, and when used for pipes must be used with FAT 35 degree thermostat with pilot light. \$4.50. Wrap-on insulation per 12 ft. of pipe, \$1.00.)

A6	115 V.	6'	15 W.	for 1.5 sq. ft.	\$1.00
B12	115 V.	12'	30 W.	for 3 sq. ft.	1.80
M26	115 V.	26'	30 W.	for 6 sq. ft.	2.80
J56	115 V.	56'	140 W.	for 14 sq. ft.	3.00
S112	115 V.	112'	280 W.	for 28 sq. ft.	6.00

The following thermostats work with any cable:
AT Air Thermo, 1000 W. 115 or 230 V. \$4.50
BT Bulb Thermostat
1700 W. 115 or 3400 W. 230 V. \$15.00

Miscellaneous Garden Supplies

TERRA-LITE of VERMICULITE

The soil conditioner that has proved beneficial in thousands of actual cases is Terra-Lite. Its granular structure breaks up even heaviest clay type soil, permits sandy soil to hold moisture. Develops strong hair root systems on flowers, vegetables and shrubs. Not prepaid.

1/2 Bu. (Wgt. 3 lbs.) \$.85 — Postage Extra
2 Bu. (Wgt. 12 lbs.) \$1.70 — Postage Extra

Plastic Mulch

KILL GARDEN WEEDS THIS SAFE, SURE, EASY WAY.

No Chemicals! No danger! Also holds soil moisture!

Just lay this black, Polyethylene plastic film down between the rows in your garden and weight it down with a few clumps of garden soil. Acts as insulator on cold nights; keeps ground warmth from dissipating, thus promoting faster growth. Prevents soil-borne diseases, ground-spotting of fruits and pods. Prices not prepaid: 12" by 100 ft. Wt. 1 lb. each \$2.50; 18" by 100 ft. Wt. 1 lb. 5 oz. each \$3.30; 40" by 100 ft., each \$5.98.

Garden Gloves

WASHABLE LEATHER GLOVES—Stay soft after washing. Ladies sizes, 7, 7 1/2 and 8. Postpaid: \$1.75. Men's sizes, 9, 9 1/2 and 10. Postpaid: \$2.35.

GIRL FRIDAY GLOVES — Rubberized with flannel lining. Sizes small, medium and large. Postpaid: \$1.50.

GREEN THUMB—Ladies' gloves. Dirt Repellant. Washable. Postpaid \$1.10.

Tree Seal

Unsurpassed for treating wounds, scratches, defects on fruit and shade trees. Also used after pruning. Not prepaid. 1 pt. (wt. 1 lb. 4 oz.) 65c; 1 qt. (wt. 2 lbs. 9 oz.) \$1.00.

Pea Twine

Useful for many garden purposes. Per ball 25c; 2 for 45c; lb. \$1.30 (6 balls to lb.) Postpaid to 4th zone. Write for prices on larger quantities.

Corsage Kits

Contains ribbon, tape, wire, pins, leaves and colored chenille sufficient for a number of corsages. Postpaid. \$2.15 per kit.

Hotcaps

Hotkaps protect growing plants, increase yields, mature crops 2 to 3 weeks earlier; insure premium prices. Order now. Prices prepaid to 4th zone. Beyond see zone schedule, page 48: PKG. 20 for \$1.25; 100 for \$4.40; 250 for \$7.85. Not prepaid: 1000 for \$22.50, weighs 33 lbs. Write for prices on larger quantities.



Train-Ets

Weatherized Trellis Netting. Support for Sweet Peas, Garden Peas, Pole Beans, etc. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun, burns delicate tendrils.) Won't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 80c; No. 2, 60x96 in., \$1.00; No. 3, 60x180 in., \$1.40. Postpaid.

Marbleized Plastic Pots

PLASTIC FLOWER POTS—Postpaid. 4th zone and beyond extra postage.

2 1/2" (1000-carton, wt. 38 lbs.)—	60c each .60c doz. 100 for \$ 4.75
3 1/2" reg. or violet pots (320 carton, wt. 26 lbs.)—	10c each \$1.00 doz. 100 for \$ 5.35
4" reg. or violet pots (260 carton) wt. 40 lbs.)—	15c each \$1.50 doz. 100 for \$13.00
5 1/2" (90 carton, wt. 20 lbs.)—	22c each \$2.30 doz. 100 for \$14.70
6" (100 carton, wt. 25 lbs.)—	24c each \$2.45 doz. 100 for \$15.80
6 1/2" Azalea or Fern Pot (60 carton; wt. 12 lbs.)	25c each \$2.55 doz. 100 for \$16.50

WOOD PLANT BANDS

Can furnish the following sizes:

2 1/2x2 1/2x2 3/4"	4x4x3 1/2"
2x2x2 3/4"	2 3/4x2 3/4x2 3/4"
3x3x3x2 3/4"	Write for prices.

PAINTED NURSERY and POT LABELS

3 1/2" Wire Nurs. Labels	5" Pot Labels
50 for 75c Postpaid	50 for 45c Postpaid
100 for 75c Postpaid	100 for 80c Postpaid
500 for \$2.35	500 for \$2.20
Not Prepaid	Not Prepaid
Wgt. 3 lbs.	(Wgt. 3 lbs.)
1000 for \$3.95	1000 for \$3.65
Not Prepaid	Not Prepaid
Wgt. 3 lbs.	(Wgt. 5 lbs.)

4" Pot Labels	6" Pot Labels
50 for 40c Postpaid	50 for 50c Postpaid
100 for 65c	100 for 85c Postpaid
Not Prepaid	500 for \$2.35
(Wgt. 2 lbs.)	Not Prepaid
1000 for \$3.40	Wgt. 3 lbs.
Not Prepaid	1000 for \$3.95
(Wgt. 4 lbs.)	Not Prepaid
	(Wgt. 6 lbs.)



Does not wear off. Rust and weather proof. Package of 24 labels for 30c. Postpaid.

STA-BRIGHT ALUMINUM LABELS
With wire ties. Rustproof. Always legible. Package of 25 for 40c. Postpaid.

WATERPROOF MARKING PENCILS
Postpaid. Each 25c; 5 for \$1.00.

Raffia

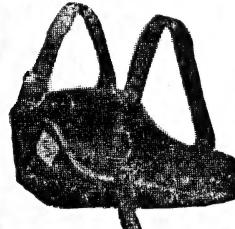
Used for tying vegetables and for wrapping when budding trees, shrubs, etc. Per pound 75c. Postpaid to 4th zone.

Twist-Ems

TWIST-EMS—Strong, dark green invisible tapes with wire reinforcement—protects stems, permanently supports annuals, perennials, vines, shrubs and vegetables. We can supply several sizes in large quantities. Postpaid. Box of 100, 8 inch, 35c; bundle 250, 7" x 1/4", 65c; 250 continuous feet in a roll, \$1.25. Write for quantity prices.

Grafting Wax

Postpaid to 4th zone. 1/4 lb. 50c; 1/2 lb. 90c; 1 lb. \$1.25.



Rubber Knee Pads

For weeding, planting or working in the garden or for berry picking. Wt. 1 1/2 lb. Postpaid. \$2.95 per pair. Beyond 4th zone add extra postage.

ACE FLEA COLLARS (With Lindane)

No fuss, no muss. Adjustable and kills fleas fast. Lasts 2 or 3 months. For cats and dogs. In ordering state whether for dogs or cats. Each 55c. Postpaid.

ORTHO DOG POWDER—3 oz. Plastic Squeeze Duster. Postpaid 95c.

SCRAM—Dog repellent. Postpaid, 8 oz. 95c.

CAULIFLOWER BANDS

Red, blue, yellow and green rubber bands in one pound packages. Not prepaid \$1.60. (See Postal Zone schedule, page 48.)

Bearded Iris Collections

RAINBOW COLLECTION—12 varieties, our selection, labeled with names, worth \$3.50 at catalog prices, sent Postpaid for \$1.95.

SUPER COLLECTION—12 varieties, our selection, labeled with names, worth \$7.50 at catalog prices, sent Postpaid for \$3.85.

FIELD SEEDS

We are located in the Willamette Valley, Oregon, where many varieties of field seeds are grown. We handle high grade seed and will be glad to send you our current price list anytime. Prices are subject to change at all times and F.O.B. Portland, Oregon. In case you need field seeds in a hurry send in funds and we will fill your order at the current price. In ordering, please give shipping instructions.

Zone Map and Parcel Post Rates

When ordering items marked "NOT PREPAID," you will save us a lot of correspondence, and your order will be sent more promptly, if you will include postage charges as shown below, with your remittance. Charges for Express or Freight shipments do not have to be figured as these will be collected by local agent at the time of delivery.

APPROXIMATE PARCEL POST CHARGES

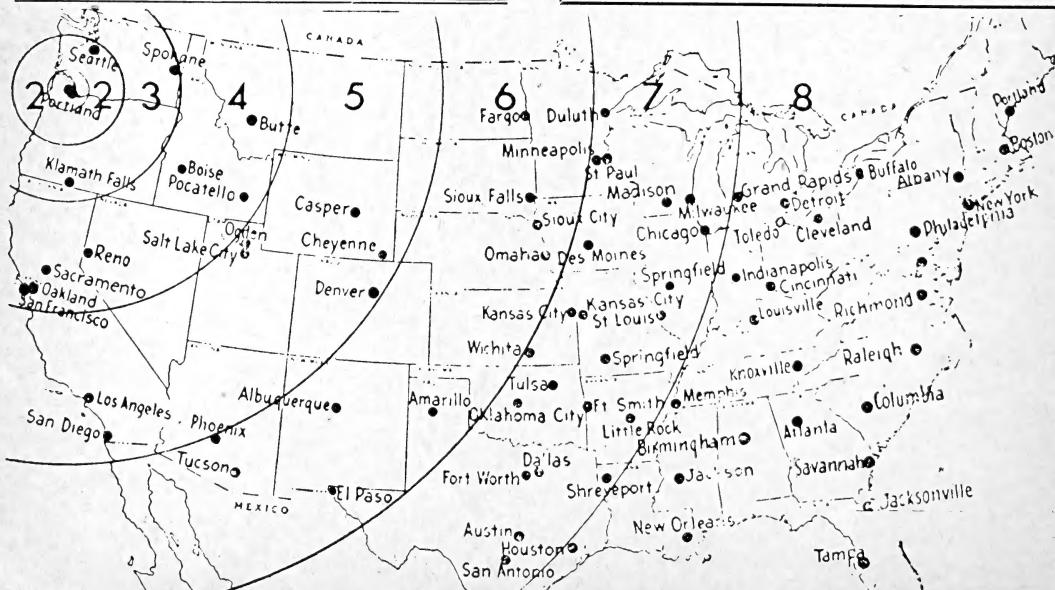
APPROXIMATE PARCEL POST CHARGES
This schedule gives you a quick method of estimating parcel post charges. Be sure to allow extra for wrapping. In other words, any article weighing one pound NET, would actually take the two pound rate of postage.

Overpayments Will Be Refunded

FOR POSTAGE ON PACKAGES WEIGHING LESS THAN ONE POUND, USE THE FOLLOWING RATES — (anywhere in the U.S., or its possessions):

1 oz. .03c	9 oz. .13½
2 oz. .03	10 oz. .15
3 oz. .04½	11 oz. .16½
4 oz. .06	12 oz. .18
5 oz. .07½	13 oz. .19½
6 oz. .09	14 oz. .21
7 oz. .10½	15 oz. .22½
8 oz. .12	16 oz. .24

For each Add'l lb.	Zone	Miles from shipping Point
.04c	1 & 2	Up to 150 miles
.05	3rd	150 to 300 miles
.07	4th	300 to 600 miles
.12	5th	600 to 1,000 miles
.15	6th	1,000 to 1,400 miles
.20	7th	1,400 to 1,800 miles
.25	8th	Over 1,800 miles



CARCO-X
For The Practical Gardener

CARCO-X, A liquid concentrate that you mix with water. It acts as a Soil Treatment, Protective Repellent, Contact Insecticide, and Fungicide. To **PREVENT** Wormy Vegetables, Buggy Flowers, Sick Shrubs, and Weepy Trees. One quart of CARCO-X makes 25 to 50 gallons of solution. For complete directions ask for the booklet "**DeBug-ing Made Easy.**" **Postpaid Prices:** $\frac{1}{2}$ Pint (glass), 2 lbs. packed, \$1.65; 1 Pint can, 2 lbs. packed, \$2.25; 1 Quart can, 3 lbs. packed, \$3.50; 1 Gallon can, wt. 10 lbs., \$9.90. Postpaid to 4th zone.

**Cottage Dahlia
Collection No. 12**

A fine collection of named varieties, all labeled, which will provide a good range of color. Five varieties of our own selection, representing 3 or more classes of dahlias and worth \$3.25 for \$2.50.

**Pompon Dahlia
Collection No. 13**

These dainty flowers are ideal for garden and cuttings. We offer, subject to our own selections, properly labeled, 6 Pompon Dahlias with a regular value of \$2.85 for \$2.35. Postpaid. Each variety different and in good range of color.

Perennial Flower Collection No. 5

Eight regular size packets of perennial flowers, worth \$1.65, sent postpaid for only \$1.20.

	Reg. Price
ALYSSUM, Saxatile Compactum	.20
CANDYTUFT, Semprevirens	.25
COLUMBINE, Mrs. Scott Elliott, long spurred	.20
COREOPSIS, Double Sunburst	.20
GEUM, Lady Stratheden	.25
PENTSTEMON, Sensation Mixed	.15
SWEET WILLIAM, Scarlet Beauty	.20
WALLFLOWER, Double Mixed	.20
\$1.65 value — All for \$1.00	

GARDEN BOOKS

Garden Flowers in Colors, by Daniel J. Foley. Postpaid. \$3.95.

Sunset — Western Garden Book. Postpaid \$1.65.

**Greenhouse Gardening for Everyone, by
Earnest Chabot. Postpaid \$4.75.**

Better Homes & Gardens, Garden Book.
Postpaid \$3.95.

Florist Gladiolus Offer No. 15

25 bulbs, 1 1/4 inches or more, in a fine mixture, postpaid, for \$1.00. This mixture is made from named standard sorts and newer introductions unlabeled and comprises large flowering varieties, chosen so as to give a good range of color. Our own selection in mixture. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 15c to each collection.

Glorious Gladiolus Offer No. 16

36 medium size bulbs, 1 to 1 1/2 inches in diameter, in splendid mixture, postpaid, for \$1.00. These will make fine blooms the first season. You will be surprised at the value you receive. This offer enables everyone to have a fine gladiolus garden, splendid value. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 15c to each collection.

Gladiolus in Mixtures

GILL'S FANCY MIXED—A mixture from named sorts containing more varieties than any mixture we offer. The names are not attached to the bulbs and the varieties are our own selection. Large bulbs. (1 1/2" or more in diameter). 3 for 35c; doz. \$1.00; 50 for \$3.85; 100 for \$7.50.

JUMBO MIXED—Jumbo refers to size of bulbs being 2 inches or more in diameter. This mixture contains a good range of color and varieties. Made from named varieties in mixture. Their large size increases the cost because of extra weight in postage. 3 for 50c; doz. \$1.60; 50 for \$6.00; 100 for \$10.00.

Gill's Vegetable Collection No. 3

Eight fine varieties introduced by Gill Bros. Seed Co. These outstanding vegetables are among our most important sellers.

	Reg. Price
BEANS, Gill's Oregon Giant, Pole	.15
BEET, Gardener's Model	.15
CARROT, Gill's Special Nantes	.15
CORN, Gill's Improved Golden Bantam	.15
CUCUMBER, Colonial	.15
MUSKMELON, Oregon Delicious	.15
PUMPKIN, Orange Winter Luxury	.15
SQUASH, Gill's Golden Delicious	.15

Worth \$1.20. Save 35c. Sent postpaid for 85c.

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Home Vegetable Collection No. 4

20 regular sized packets, worth \$3.05 sent postpaid for \$2.00. Positively no changes.

(Save \$1.05)

	Reg. Price
BEANS, Stringless Blue Lake Black Seeded	.15
BEANS, Seminole Bush	.15
BEETS, Crosby Egyptian	.15
GREEN BROCCOLI, Medium	.15
CARROT, Oregon Chantenay	.15
SWEET CORN, Gill's Early Golden Sweet	.15
SWEET CORN, Hybrid, Mello-Gold	.20
CUCUMBER, Sweet White	.15
CUCUMBER, National Pickling	.15
LETTUCE, Cos, Paris Dark Green	.15
LETTUCE, Progress	.15
ONION, White Globe	.15
PARSNIP, Tender Heart	.15
PEAS, Morse's Progress No. 9	.15
PEAS, Little Marvel	.15
RADISH, Early Scarlet Globe	.15
SQUASH, Sugar Hubbard	.15
SQUASH, Cozini	.15
SPINACH, Supra	.15
KOHL RABI, Purple Vienna	.15

\$3.05

Perennial Day Lily Collection

6 named Day Lilies in good color range with listed value of \$3.00. Our selection of varieties, each different, for \$2.00 postpaid.

Perennial Aster Collection

6 Hardy Asters, named varieties, in good color range, with catalog value of \$4.50 for \$3.60 postpaid, our selection of varieties, each one different.

Shasta Daisy Collection

5 Shasta Daisies, our selection, each of different variety, worth \$3.50 at catalog value, for \$2.65 postpaid.

"The King of Flowers"

TREE PEONIES can be grown in almost any soil that is well-drained loam. Write for varieties, prices and culture. Fall delivery only.

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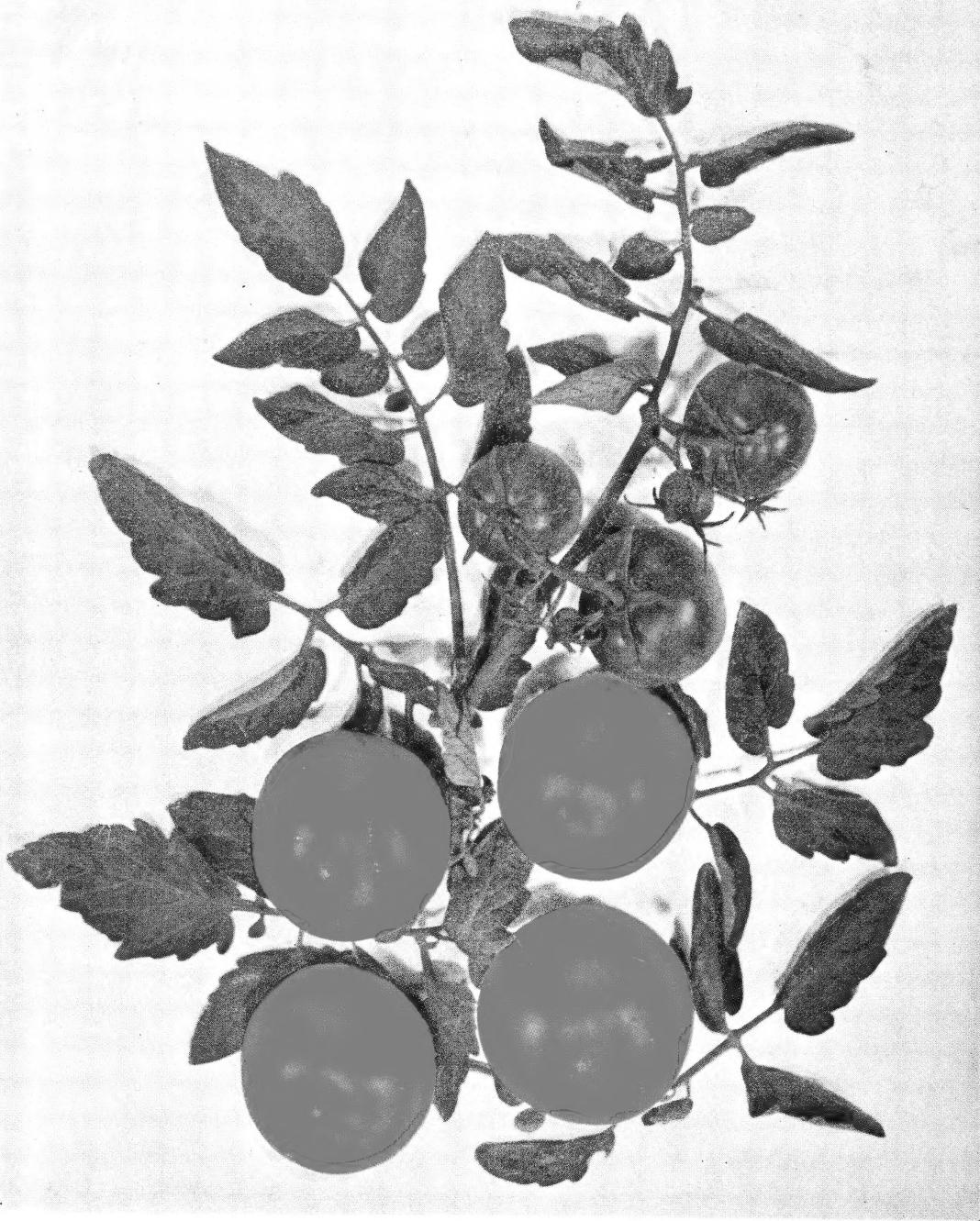
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OREGON CENTENNIAL

GILL BROS. Seed Co.

Spring Catalog 1959